

DATA REPORTING QUALIFIERS- INORGANIC

For reporting results, the following “ Results Qualifiers” are used:

J	Indicates the reported value was obtained from a reading that was less than the Contract Required Detection Limit (CRDL), but greater than or equal to the Instrument Detection Limit (IDL).
U	Indicates the analyte was analyzed for, but not detected.
ND	Indicates the analyte was analyzed for, but not detected
E	Indicates the reported value is estimated because of the presence of interference
M	Indicates Duplicate injection precision not met.
N	Indicates the spiked sample recovery is not within control limits.
S	Indicates the reported value was determined by the Method of Standard Addition (MSA).
*	Indicates that the duplicate analysis is not within control limits.
+	Indicates the correlation coefficient for the MSA is less than 0.995.
D	Indicates the reported value is from a secondary analysis with a dilution factor. The original analysis exceeded the calibration range.
M	Method qualifiers “P” for ICP instrument “PM” for ICP when Microwave Digestion is used “CV” for Manual Cold Vapor AA “AV” for automated Cold Vapor AA “CA” for MIDI-Distillation Spectrophotometric “AS” for Semi -Automated Spectrophotometric “C” for Manual Spectrophotometric “T” for Titrimetric “NR” for analyte not required to be analyzed
OR	Indicates the analyte’s concentration exceeds the calibrated range of the instrument for that specific analysis.
Q	Indicates the LCS did not meet the control limits requirements
H	Sample Analysis Out Of Hold Time

LAB CHRONICLE

OrderID: Q3569
Client: Remington & Vernick Engineers
Contact: Kyle Carlson

OrderDate: 11/6/2025 3:21:00 PM
Project: Edison Landfill
Location: J22,VOA Lab

LabID	ClientID	Matrix	Test	Method	Sample Date	Prep Date	Anal Date	Received
Q3569-01	MW-2	Water			11/05/25			11/06/25
			Mercury	7470A		11/10/25	11/10/25	
			Metals ICP-TAL	6010D		11/07/25	11/10/25	
Q3569-02	MW-12	Water			11/05/25			11/06/25
			Mercury	7470A		11/10/25	11/10/25	
			Metals ICP-TAL	6010D		11/07/25	11/10/25	

Hit Summary Sheet
SW-846

SDG No.: Q3569
Client: Remington & Vernick Engineers

Order ID: Q3569
Project ID: Edison Landfill

Sample ID	Client ID	Matrix	Parameter	Concentration	C	MDL	RDL	Units
Client ID : MW-2								
Q3569-01	MW-2	Water	Aluminum	373		5.67	50.0	ug/L
Q3569-01	MW-2	Water	Barium	396		7.28	50.0	ug/L
Q3569-01	MW-2	Water	Calcium	137000		117	1000	ug/L
Q3569-01	MW-2	Water	Chromium	1.78	J	1.06	5.00	ug/L
Q3569-01	MW-2	Water	Cobalt	5.25	J	1.13	15.0	ug/L
Q3569-01	MW-2	Water	Copper	6.79	J	2.30	10.0	ug/L
Q3569-01	MW-2	Water	Iron	9490		11.7	50.0	ug/L
Q3569-01	MW-2	Water	Lead	6.62		1.15	6.00	ug/L
Q3569-01	MW-2	Water	Magnesium	40600		122	1000	ug/L
Q3569-01	MW-2	Water	Manganese	131		2.97	10.0	ug/L
Q3569-01	MW-2	Water	Nickel	46.9		1.53	20.0	ug/L
Q3569-01	MW-2	Water	Potassium	33500		459	1000	ug/L
Q3569-01	MW-2	Water	Silver	0.98	J	0.81	5.00	ug/L
Q3569-01	MW-2	Water	Sodium	226000		434	1000	ug/L
Q3569-01	MW-2	Water	Thallium	2.85	J	2.19	20.0	ug/L
Q3569-01	MW-2	Water	Zinc	244		8.33	20.0	ug/L
Client ID : MW-12								
Q3569-02	MW-12	Water	Aluminum	847		5.67	50.0	ug/L
Q3569-02	MW-12	Water	Barium	295		7.28	50.0	ug/L
Q3569-02	MW-12	Water	Beryllium	0.40	J	0.28	3.00	ug/L
Q3569-02	MW-12	Water	Calcium	106000		117	1000	ug/L
Q3569-02	MW-12	Water	Cobalt	2.74	J	1.13	15.0	ug/L
Q3569-02	MW-12	Water	Copper	9.11	J	2.30	10.0	ug/L
Q3569-02	MW-12	Water	Iron	33600		11.7	50.0	ug/L
Q3569-02	MW-12	Water	Lead	5.45	J	1.15	6.00	ug/L
Q3569-02	MW-12	Water	Magnesium	38000		122	1000	ug/L
Q3569-02	MW-12	Water	Manganese	215		2.97	10.0	ug/L
Q3569-02	MW-12	Water	Nickel	25.2		1.53	20.0	ug/L
Q3569-02	MW-12	Water	Potassium	42800		459	1000	ug/L
Q3569-02	MW-12	Water	Silver	3.79	J	0.81	5.00	ug/L
Q3569-02	MW-12	Water	Sodium	167000		434	1000	ug/L
Q3569-02	MW-12	Water	Zinc	38.7		8.33	20.0	ug/L



SAMPLE DATA

Report of Analysis

Client: Remington & Vernick Engineers
Project: Edison Landfill
Client Sample ID: MW-2
Lab Sample ID: Q3569-01
Level (low/med): low

Date Collected: 11/05/25
Date Received: 11/06/25
SDG No.: Q3569
Matrix: Water
% Solid: 0

Cas	Parameter	Conc.	Qua.	DF	MDL	LOQ / CRQL	Units	Prep Date	Date Ana.	Ana Met.	Prep Met.
7429-90-5	Aluminum	373		1	5.67	50.0	ug/L	11/07/25 11:20	11/10/25 16:55	6010D	M3010A
7440-36-0	Antimony	3.38	U	1	3.38	25.0	ug/L	11/07/25 11:20	11/10/25 16:55	6010D	M3010A
7440-38-2	Arsenic	2.56	U	1	2.56	10.0	ug/L	11/07/25 11:20	11/10/25 16:55	6010D	M3010A
7440-39-3	Barium	396		1	7.28	50.0	ug/L	11/07/25 11:20	11/10/25 16:55	6010D	M3010A
7440-41-7	Beryllium	0.28	U	1	0.28	3.00	ug/L	11/07/25 11:20	11/10/25 16:55	6010D	M3010A
7440-43-9	Cadmium	0.25	U	1	0.25	3.00	ug/L	11/07/25 11:20	11/10/25 16:55	6010D	M3010A
7440-70-2	Calcium	137000		1	117	1000	ug/L	11/07/25 11:20	11/10/25 16:55	6010D	M3010A
7440-47-3	Chromium	1.78	JN	1	1.06	5.00	ug/L	11/07/25 11:20	11/10/25 16:55	6010D	M3010A
7440-48-4	Cobalt	5.25	J	1	1.13	15.0	ug/L	11/07/25 11:20	11/10/25 16:55	6010D	M3010A
7440-50-8	Copper	6.79	J	1	2.30	10.0	ug/L	11/07/25 11:20	11/10/25 16:55	6010D	M3010A
7439-89-6	Iron	9490	N	1	11.7	50.0	ug/L	11/07/25 11:20	11/10/25 16:55	6010D	M3010A
7439-92-1	Lead	6.62		1	1.15	6.00	ug/L	11/07/25 11:20	11/10/25 16:55	6010D	M3010A
7439-95-4	Magnesium	40600		1	122	1000	ug/L	11/07/25 11:20	11/10/25 16:55	6010D	M3010A
7439-96-5	Manganese	131		1	2.97	10.0	ug/L	11/07/25 11:20	11/10/25 16:55	6010D	M3010A
7439-97-6	Mercury	0.076	UN	1	0.076	0.20	ug/L	11/10/25 07:40	11/10/25 14:52	7470A	M7470A
7440-02-0	Nickel	46.9		1	1.53	20.0	ug/L	11/07/25 11:20	11/10/25 16:55	6010D	M3010A
7440-09-7	Potassium	33500		1	459	1000	ug/L	11/07/25 11:20	11/10/25 16:55	6010D	M3010A
7782-49-2	Selenium	4.82	U	1	4.82	10.0	ug/L	11/07/25 11:20	11/10/25 16:55	6010D	M3010A
7440-22-4	Silver	0.98	J	1	0.81	5.00	ug/L	11/07/25 11:20	11/10/25 16:55	6010D	M3010A
7440-23-5	Sodium	226000		1	434	1000	ug/L	11/07/25 11:20	11/10/25 16:55	6010D	M3010A
7440-28-0	Thallium	2.85	J	1	2.19	20.0	ug/L	11/07/25 11:20	11/10/25 16:55	6010D	M3010A
7440-62-2	Vanadium	3.13	U	1	3.13	20.0	ug/L	11/07/25 11:20	11/10/25 16:55	6010D	M3010A
7440-66-6	Zinc	244		1	8.33	20.0	ug/L	11/07/25 11:20	11/10/25 16:55	6010D	M3010A

U = Not Detected

LOQ = Limit of Quantitation

MDL = Method Detection Limit

LOD = Limit of Detection

D = Dilution

Q = indicates LCS control criteria did not meet requirements

J = Estimated Value

B = Analyte Found in Associated Method Blank

* = indicates the duplicate analysis is not within control limits.

E = Indicates the reported value is estimated because of the presence of interference.

OR = Over Range

N = Spiked sample recovery not within control limits

Report of Analysis

Client: Remington & Vernick Engineers
Project: Edison Landfill
Client Sample ID: MW-12
Lab Sample ID: Q3569-02
Level (low/med): low

Date Collected: 11/05/25
Date Received: 11/06/25
SDG No.: Q3569
Matrix: Water
% Solid: 0

Cas	Parameter	Conc.	Qua.	DF	MDL	LOQ / CRQL	Units	Prep Date	Date Ana.	Ana Met.	Prep Met.
7429-90-5	Aluminum	847		1	5.67	50.0	ug/L	11/07/25 11:20	11/10/25 16:59	6010D	M3010A
7440-36-0	Antimony	3.38	U	1	3.38	25.0	ug/L	11/07/25 11:20	11/10/25 16:59	6010D	M3010A
7440-38-2	Arsenic	2.56	U	1	2.56	10.0	ug/L	11/07/25 11:20	11/10/25 16:59	6010D	M3010A
7440-39-3	Barium	295		1	7.28	50.0	ug/L	11/07/25 11:20	11/10/25 16:59	6010D	M3010A
7440-41-7	Beryllium	0.40	J	1	0.28	3.00	ug/L	11/07/25 11:20	11/10/25 16:59	6010D	M3010A
7440-43-9	Cadmium	0.25	U	1	0.25	3.00	ug/L	11/07/25 11:20	11/10/25 16:59	6010D	M3010A
7440-70-2	Calcium	106000		1	117	1000	ug/L	11/07/25 11:20	11/10/25 16:59	6010D	M3010A
7440-47-3	Chromium	1.06	UN	1	1.06	5.00	ug/L	11/07/25 11:20	11/10/25 16:59	6010D	M3010A
7440-48-4	Cobalt	2.74	J	1	1.13	15.0	ug/L	11/07/25 11:20	11/10/25 16:59	6010D	M3010A
7440-50-8	Copper	9.11	J	1	2.30	10.0	ug/L	11/07/25 11:20	11/10/25 16:59	6010D	M3010A
7439-89-6	Iron	33600	N	1	11.7	50.0	ug/L	11/07/25 11:20	11/10/25 16:59	6010D	M3010A
7439-92-1	Lead	5.45	J	1	1.15	6.00	ug/L	11/07/25 11:20	11/10/25 16:59	6010D	M3010A
7439-95-4	Magnesium	38000		1	122	1000	ug/L	11/07/25 11:20	11/10/25 16:59	6010D	M3010A
7439-96-5	Manganese	215		1	2.97	10.0	ug/L	11/07/25 11:20	11/10/25 16:59	6010D	M3010A
7439-97-6	Mercury	0.076	UN	1	0.076	0.20	ug/L	11/10/25 07:40	11/10/25 14:55	7470A	M7470A
7440-02-0	Nickel	25.2		1	1.53	20.0	ug/L	11/07/25 11:20	11/10/25 16:59	6010D	M3010A
7440-09-7	Potassium	42800		1	459	1000	ug/L	11/07/25 11:20	11/10/25 16:59	6010D	M3010A
7782-49-2	Selenium	4.82	U	1	4.82	10.0	ug/L	11/07/25 11:20	11/10/25 16:59	6010D	M3010A
7440-22-4	Silver	3.79	J	1	0.81	5.00	ug/L	11/07/25 11:20	11/10/25 16:59	6010D	M3010A
7440-23-5	Sodium	167000		1	434	1000	ug/L	11/07/25 11:20	11/10/25 16:59	6010D	M3010A
7440-28-0	Thallium	2.19	U	1	2.19	20.0	ug/L	11/07/25 11:20	11/10/25 16:59	6010D	M3010A
7440-62-2	Vanadium	3.13	U	1	3.13	20.0	ug/L	11/07/25 11:20	11/10/25 16:59	6010D	M3010A
7440-66-6	Zinc	38.7		1	8.33	20.0	ug/L	11/07/25 11:20	11/10/25 16:59	6010D	M3010A

U = Not Detected

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OR = Over Range

N = Spiked sample recovery not within control limits



METAL CALIBRATION DATA

Metals

- 2a -

INITIAL AND CONTINUING CALIBRATION VERIFICATION

Client: Remington & Vernick Engineers

SDG No.: Q3569

Contract: REMI02

Lab Code: ACE

Initial Calibration Source: EPA

Continuing Calibration Source: PLASMA-PURE

Sample ID	Analyte	Result ug/L	True Value	% Recovery	Acceptance Window (%R)	M	Analysis Date	Analysis Time	Run Number
ICV108	Mercury	3.86	4.0	96	90 - 110	CV	11/10/2025	14:29	LB137835

Metals

- 2a -

INITIAL AND CONTINUING CALIBRATION VERIFICATION

Client: Remington & Vernick Engineers

SDG No.: Q3569

Contract: REMI02

Lab Code: ACE

Initial Calibration Source: EPA

Continuing Calibration Source: PLASMA-PURE

Sample ID	Analyte	Result ug/L	True Value	% Recovery	Acceptance Window (%R)	M	Analysis Date	Analysis Time	Run Number
CCV53	Mercury	4.97	5.0	99	90 - 110	CV	11/10/2025	14:34	LB137835
CCV54	Mercury	4.77	5.0	95	90 - 110	CV	11/10/2025	15:01	LB137835
CCV55	Mercury	5.05	5.0	101	90 - 110	CV	11/11/2025	08:36	LB137835

Metals

- 2a -

INITIAL AND CONTINUING CALIBRATION VERIFICATION

Client: Remington & Vernick Engineers

SDG No.: Q3569

Contract: REMI02

Lab Code: ACE

Initial Calibration Source: EPA

Continuing Calibration Source: Inorganic Ventures

Sample ID	Analyte	Result ug/L	True Value	% Recovery	Acceptance Window (%R)	M	Analysis Date	Analysis Time	Run Number
ICV01	Aluminum	8040	8000	100	90 - 110	P	11/10/2025	11:45	LB137841
	Antimony	4110	4000	103	90 - 110	P	11/10/2025	11:45	LB137841
	Arsenic	3980	4000	100	90 - 110	P	11/10/2025	11:45	LB137841
	Barium	7950	8000	99	90 - 110	P	11/10/2025	11:45	LB137841
	Beryllium	208	200	104	90 - 110	P	11/10/2025	11:45	LB137841
	Cadmium	1960	2000	98	90 - 110	P	11/10/2025	11:45	LB137841
	Calcium	19900	20000	100	90 - 110	P	11/10/2025	11:45	LB137841
	Chromium	829	800	104	90 - 110	P	11/10/2025	11:45	LB137841
	Cobalt	2010	2000	100	90 - 110	P	11/10/2025	11:45	LB137841
	Copper	1040	1000	104	90 - 110	P	11/10/2025	11:45	LB137841
	Iron	4090	4000	102	90 - 110	P	11/10/2025	11:45	LB137841
	Lead	4190	4000	105	90 - 110	P	11/10/2025	11:45	LB137841
	Magnesium	20100	20000	101	90 - 110	P	11/10/2025	11:45	LB137841
	Manganese	2000	2000	100	90 - 110	P	11/10/2025	11:45	LB137841
	Nickel	2010	2000	100	90 - 110	P	11/10/2025	11:45	LB137841
	Potassium	19900	20000	99	90 - 110	P	11/10/2025	11:45	LB137841
	Selenium	4020	4000	101	90 - 110	P	11/10/2025	11:45	LB137841
	Silver	1030	1000	103	90 - 110	P	11/10/2025	11:45	LB137841
	Sodium	19600	20000	98	90 - 110	P	11/10/2025	11:45	LB137841
	Thallium	4190	4000	105	90 - 110	P	11/10/2025	11:45	LB137841
	Vanadium	1990	2000	100	90 - 110	P	11/10/2025	11:45	LB137841
	Zinc	2020	2000	101	90 - 110	P	11/10/2025	11:45	LB137841

Metals

- 2a -

INITIAL AND CONTINUING CALIBRATION VERIFICATION

Client: Remington & Vernick Engineers

SDG No.: Q3569

Contract: REMI02

Lab Code: ACE

Initial Calibration Source: EPA

Continuing Calibration Source: Inorganic Ventures

Sample ID	Analyte	Result ug/L	True Value	% Recovery	Acceptance Window (%R)	M	Analysis Date	Analysis Time	Run Number
LLICV01	Aluminum	104	100	104	80 - 120	P	11/10/2025	11:57	LB137841
	Antimony	49.9	50.0	100	80 - 120	P	11/10/2025	11:57	LB137841
	Arsenic	22.4	20.0	112	80 - 120	P	11/10/2025	11:57	LB137841
	Barium	95.0	100	95	80 - 120	P	11/10/2025	11:57	LB137841
	Beryllium	6.31	6.0	105	80 - 120	P	11/10/2025	11:57	LB137841
	Cadmium	5.56	6.0	93	80 - 120	P	11/10/2025	11:57	LB137841
	Calcium	2020	2000	101	80 - 120	P	11/10/2025	11:57	LB137841
	Chromium	10.1	10.0	101	80 - 120	P	11/10/2025	11:57	LB137841
	Cobalt	28.9	30.0	96	80 - 120	P	11/10/2025	11:57	LB137841
	Copper	20.3	20.0	101	80 - 120	P	11/10/2025	11:57	LB137841
	Iron	116	100	116	80 - 120	P	11/10/2025	11:57	LB137841
	Lead	10.8	12.0	90	80 - 120	P	11/10/2025	11:57	LB137841
	Magnesium	2090	2000	104	80 - 120	P	11/10/2025	11:57	LB137841
	Manganese	20.0	20.0	100	80 - 120	P	11/10/2025	11:57	LB137841
	Nickel	38.3	40.0	96	80 - 120	P	11/10/2025	11:57	LB137841
	Potassium	2050	2000	102	80 - 120	P	11/10/2025	11:57	LB137841
	Selenium	22.1	20.0	110	80 - 120	P	11/10/2025	11:57	LB137841
	Silver	11.0	10.0	110	80 - 120	P	11/10/2025	11:57	LB137841
	Sodium	1660	2000	83	80 - 120	P	11/10/2025	11:57	LB137841
	Thallium	34.5	40.0	86	80 - 120	P	11/10/2025	11:57	LB137841
	Vanadium	39.3	40.0	98	80 - 120	P	11/10/2025	11:57	LB137841
	Zinc	40.9	40.0	102	80 - 120	P	11/10/2025	11:57	LB137841

Metals

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INITIAL AND CONTINUING CALIBRATION VERIFICATION

Client: Remington & Vernick Engineers

SDG No.: Q3569

Contract: REMI02

Lab Code: ACE

Initial Calibration Source: EPA

Continuing Calibration Source: Inorganic Ventures

Sample ID	Analyte	Result ug/L	True Value	% Recovery	Acceptance Window (%R)	M	Analysis Date	Analysis Time	Run Number
CCV01	Aluminum	10000	10000	100	90 - 110	P	11/10/2025	12:38	LB137841
	Antimony	4960	5000	99	90 - 110	P	11/10/2025	12:38	LB137841
	Arsenic	4940	5000	99	90 - 110	P	11/10/2025	12:38	LB137841
	Barium	9910	10000	99	90 - 110	P	11/10/2025	12:38	LB137841
	Beryllium	254	250	102	90 - 110	P	11/10/2025	12:38	LB137841
	Cadmium	2460	2500	98	90 - 110	P	11/10/2025	12:38	LB137841
	Calcium	24900	25000	100	90 - 110	P	11/10/2025	12:38	LB137841
	Chromium	1000	1000	100	90 - 110	P	11/10/2025	12:38	LB137841
	Cobalt	2450	2500	98	90 - 110	P	11/10/2025	12:38	LB137841
	Copper	1240	1250	99	90 - 110	P	11/10/2025	12:38	LB137841
	Iron	4860	5000	97	90 - 110	P	11/10/2025	12:38	LB137841
	Lead	4910	5000	98	90 - 110	P	11/10/2025	12:38	LB137841
	Magnesium	25000	25000	100	90 - 110	P	11/10/2025	12:38	LB137841
	Manganese	2500	2500	100	90 - 110	P	11/10/2025	12:38	LB137841
	Nickel	2460	2500	98	90 - 110	P	11/10/2025	12:38	LB137841
	Potassium	23600	25000	94	90 - 110	P	11/10/2025	12:38	LB137841
	Selenium	5030	5000	100	90 - 110	P	11/10/2025	12:38	LB137841
	Silver	1240	1250	99	90 - 110	P	11/10/2025	12:38	LB137841
	Sodium	24200	25000	97	90 - 110	P	11/10/2025	12:38	LB137841
	Thallium	5160	5000	103	90 - 110	P	11/10/2025	12:38	LB137841
	Vanadium	2500	2500	100	90 - 110	P	11/10/2025	12:38	LB137841
	Zinc	2490	2500	99	90 - 110	P	11/10/2025	12:38	LB137841
CCV02	Aluminum	9970	10000	100	90 - 110	P	11/10/2025	13:28	LB137841
	Antimony	5000	5000	100	90 - 110	P	11/10/2025	13:28	LB137841
	Arsenic	4990	5000	100	90 - 110	P	11/10/2025	13:28	LB137841
	Barium	9770	10000	98	90 - 110	P	11/10/2025	13:28	LB137841
	Beryllium	255	250	102	90 - 110	P	11/10/2025	13:28	LB137841
	Cadmium	2480	2500	99	90 - 110	P	11/10/2025	13:28	LB137841
	Calcium	24900	25000	100	90 - 110	P	11/10/2025	13:28	LB137841
	Chromium	1020	1000	102	90 - 110	P	11/10/2025	13:28	LB137841
	Cobalt	2470	2500	99	90 - 110	P	11/10/2025	13:28	LB137841
	Copper	1250	1250	100	90 - 110	P	11/10/2025	13:28	LB137841
	Iron	4980	5000	100	90 - 110	P	11/10/2025	13:28	LB137841
	Lead	4950	5000	99	90 - 110	P	11/10/2025	13:28	LB137841

Metals

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INITIAL AND CONTINUING CALIBRATION VERIFICATION

Client: Remington & Vernick Engineers

SDG No.: Q3569

Contract: REMI02

Lab Code: ACE

Initial Calibration Source: EPA

Continuing Calibration Source: Inorganic Ventures

Sample ID	Analyte	Result ug/L	True Value	% Recovery	Acceptance Window (%R)	M	Analysis Date	Analysis Time	Run Number
CCV02	Magnesium	24900	25000	100	90 - 110	P	11/10/2025	13:28	LB137841
	Manganese	2470	2500	99	90 - 110	P	11/10/2025	13:28	LB137841
	Nickel	2470	2500	99	90 - 110	P	11/10/2025	13:28	LB137841
	Potassium	23500	25000	94	90 - 110	P	11/10/2025	13:28	LB137841
	Selenium	5090	5000	102	90 - 110	P	11/10/2025	13:28	LB137841
	Silver	1250	1250	100	90 - 110	P	11/10/2025	13:28	LB137841
	Sodium	23700	25000	95	90 - 110	P	11/10/2025	13:28	LB137841
	Thallium	4890	5000	98	90 - 110	P	11/10/2025	13:28	LB137841
	Vanadium	2470	2500	99	90 - 110	P	11/10/2025	13:28	LB137841
	Zinc	2500	2500	100	90 - 110	P	11/10/2025	13:28	LB137841
CCV03	Aluminum	10100	10000	101	90 - 110	P	11/10/2025	14:46	LB137841
	Antimony	4950	5000	99	90 - 110	P	11/10/2025	14:46	LB137841
	Arsenic	4930	5000	99	90 - 110	P	11/10/2025	14:46	LB137841
	Barium	9820	10000	98	90 - 110	P	11/10/2025	14:46	LB137841
	Beryllium	254	250	102	90 - 110	P	11/10/2025	14:46	LB137841
	Cadmium	2440	2500	98	90 - 110	P	11/10/2025	14:46	LB137841
	Calcium	25000	25000	100	90 - 110	P	11/10/2025	14:46	LB137841
	Chromium	1010	1000	101	90 - 110	P	11/10/2025	14:46	LB137841
	Cobalt	2440	2500	98	90 - 110	P	11/10/2025	14:46	LB137841
	Copper	1240	1250	99	90 - 110	P	11/10/2025	14:46	LB137841
	Iron	4870	5000	98	90 - 110	P	11/10/2025	14:46	LB137841
	Lead	4860	5000	97	90 - 110	P	11/10/2025	14:46	LB137841
	Magnesium	25100	25000	100	90 - 110	P	11/10/2025	14:46	LB137841
	Manganese	2470	2500	99	90 - 110	P	11/10/2025	14:46	LB137841
	Nickel	2440	2500	98	90 - 110	P	11/10/2025	14:46	LB137841
	Potassium	23700	25000	95	90 - 110	P	11/10/2025	14:46	LB137841
	Selenium	4990	5000	100	90 - 110	P	11/10/2025	14:46	LB137841
	Silver	1230	1250	98	90 - 110	P	11/10/2025	14:46	LB137841
	Sodium	24100	25000	96	90 - 110	P	11/10/2025	14:46	LB137841
	Thallium	4840	5000	97	90 - 110	P	11/10/2025	14:46	LB137841
	Vanadium	2500	2500	100	90 - 110	P	11/10/2025	14:46	LB137841
	Zinc	2490	2500	100	90 - 110	P	11/10/2025	14:46	LB137841
CCV04	Aluminum	9830	10000	98	90 - 110	P	11/10/2025	15:44	LB137841
	Antimony	5040	5000	101	90 - 110	P	11/10/2025	15:44	LB137841

Metals

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INITIAL AND CONTINUING CALIBRATION VERIFICATION

Client: Remington & Vernick Engineers

SDG No.: Q3569

Contract: REMI02

Lab Code: ACE

Initial Calibration Source: EPA

Continuing Calibration Source: Inorganic Ventures

Sample ID	Analyte	Result ug/L	True Value	% Recovery	Acceptance Window (%R)	M	Analysis Date	Analysis Time	Run Number
CCV04	Arsenic	5010	5000	100	90 - 110	P	11/10/2025	15:44	LB137841
	Barium	9710	10000	97	90 - 110	P	11/10/2025	15:44	LB137841
	Beryllium	249	250	100	90 - 110	P	11/10/2025	15:44	LB137841
	Cadmium	2470	2500	99	90 - 110	P	11/10/2025	15:44	LB137841
	Calcium	24400	25000	98	90 - 110	P	11/10/2025	15:44	LB137841
	Chromium	1020	1000	102	90 - 110	P	11/10/2025	15:44	LB137841
	Cobalt	2480	2500	99	90 - 110	P	11/10/2025	15:44	LB137841
	Copper	1260	1250	101	90 - 110	P	11/10/2025	15:44	LB137841
	Iron	4920	5000	98	90 - 110	P	11/10/2025	15:44	LB137841
	Lead	4920	5000	98	90 - 110	P	11/10/2025	15:44	LB137841
	Magnesium	24400	25000	97	90 - 110	P	11/10/2025	15:44	LB137841
	Manganese	2420	2500	97	90 - 110	P	11/10/2025	15:44	LB137841
	Nickel	2470	2500	99	90 - 110	P	11/10/2025	15:44	LB137841
	Potassium	23600	25000	95	90 - 110	P	11/10/2025	15:44	LB137841
	Selenium	5070	5000	102	90 - 110	P	11/10/2025	15:44	LB137841
	Silver	1250	1250	100	90 - 110	P	11/10/2025	15:44	LB137841
	Sodium	23600	25000	94	90 - 110	P	11/10/2025	15:44	LB137841
	Thallium	5070	5000	101	90 - 110	P	11/10/2025	15:44	LB137841
	Vanadium	2460	2500	98	90 - 110	P	11/10/2025	15:44	LB137841
	Zinc	2530	2500	101	90 - 110	P	11/10/2025	15:44	LB137841
CCV05	Aluminum	9930	10000	99	90 - 110	P	11/10/2025	16:35	LB137841
	Antimony	4940	5000	99	90 - 110	P	11/10/2025	16:35	LB137841
	Arsenic	4930	5000	99	90 - 110	P	11/10/2025	16:35	LB137841
	Barium	9850	10000	98	90 - 110	P	11/10/2025	16:35	LB137841
	Beryllium	249	250	100	90 - 110	P	11/10/2025	16:35	LB137841
	Cadmium	2430	2500	97	90 - 110	P	11/10/2025	16:35	LB137841
	Calcium	24700	25000	99	90 - 110	P	11/10/2025	16:35	LB137841
	Chromium	1000	1000	100	90 - 110	P	11/10/2025	16:35	LB137841
	Cobalt	2440	2500	98	90 - 110	P	11/10/2025	16:35	LB137841
	Copper	1250	1250	100	90 - 110	P	11/10/2025	16:35	LB137841
	Iron	4900	5000	98	90 - 110	P	11/10/2025	16:35	LB137841
	Lead	4810	5000	96	90 - 110	P	11/10/2025	16:35	LB137841
	Magnesium	24700	25000	99	90 - 110	P	11/10/2025	16:35	LB137841
	Manganese	2460	2500	98	90 - 110	P	11/10/2025	16:35	LB137841

Metals

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INITIAL AND CONTINUING CALIBRATION VERIFICATION

Client: Remington & Vernick Engineers

SDG No.: Q3569

Contract: REMI02

Lab Code: ACE

Initial Calibration Source: EPA

Continuing Calibration Source: Inorganic Ventures

Sample ID	Analyte	Result ug/L	True Value	% Recovery	Acceptance Window (%R)	M	Analysis Date	Analysis Time	Run Number
CCV05	Nickel	2420	2500	97	90 - 110	P	11/10/2025	16:35	LB137841
	Potassium	24100	25000	96	90 - 110	P	11/10/2025	16:35	LB137841
	Selenium	4930	5000	99	90 - 110	P	11/10/2025	16:35	LB137841
	Silver	1220	1250	98	90 - 110	P	11/10/2025	16:35	LB137841
	Sodium	24400	25000	98	90 - 110	P	11/10/2025	16:35	LB137841
	Thallium	4700	5000	94	90 - 110	P	11/10/2025	16:35	LB137841
	Vanadium	2480	2500	99	90 - 110	P	11/10/2025	16:35	LB137841
	Zinc	2500	2500	100	90 - 110	P	11/10/2025	16:35	LB137841
CCV06	Aluminum	10000	10000	100	90 - 110	P	11/10/2025	17:27	LB137841
	Antimony	5040	5000	101	90 - 110	P	11/10/2025	17:27	LB137841
	Arsenic	5030	5000	101	90 - 110	P	11/10/2025	17:27	LB137841
	Barium	10000	10000	100	90 - 110	P	11/10/2025	17:27	LB137841
	Beryllium	254	250	101	90 - 110	P	11/10/2025	17:27	LB137841
	Cadmium	2470	2500	99	90 - 110	P	11/10/2025	17:27	LB137841
	Calcium	25100	25000	100	90 - 110	P	11/10/2025	17:27	LB137841
	Chromium	1030	1000	103	90 - 110	P	11/10/2025	17:27	LB137841
	Cobalt	2480	2500	99	90 - 110	P	11/10/2025	17:27	LB137841
	Copper	1270	1250	102	90 - 110	P	11/10/2025	17:27	LB137841
	Iron	5060	5000	101	90 - 110	P	11/10/2025	17:27	LB137841
	Lead	4880	5000	98	90 - 110	P	11/10/2025	17:27	LB137841
	Magnesium	24900	25000	100	90 - 110	P	11/10/2025	17:27	LB137841
	Manganese	2490	2500	100	90 - 110	P	11/10/2025	17:27	LB137841
	Nickel	2460	2500	99	90 - 110	P	11/10/2025	17:27	LB137841
	Potassium	24700	25000	99	90 - 110	P	11/10/2025	17:27	LB137841
	Selenium	5010	5000	100	90 - 110	P	11/10/2025	17:27	LB137841
	Silver	1260	1250	101	90 - 110	P	11/10/2025	17:27	LB137841
	Sodium	24400	25000	98	90 - 110	P	11/10/2025	17:27	LB137841
	Thallium	4560	5000	91	90 - 110	P	11/10/2025	17:27	LB137841
	Vanadium	2490	2500	100	90 - 110	P	11/10/2025	17:27	LB137841
	Zinc	2590	2500	103	90 - 110	P	11/10/2025	17:27	LB137841
CCV07	Aluminum	10400	10000	104	90 - 110	P	11/10/2025	19:14	LB137841
	Antimony	5230	5000	105	90 - 110	P	11/10/2025	19:14	LB137841
	Arsenic	5260	5000	105	90 - 110	P	11/10/2025	19:14	LB137841
	Barium	10100	10000	101	90 - 110	P	11/10/2025	19:14	LB137841

Metals

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INITIAL AND CONTINUING CALIBRATION VERIFICATION

Client: Remington & Vernick Engineers

SDG No.: Q3569

Contract: REMI02

Lab Code: ACE

Initial Calibration Source: EPA

Continuing Calibration Source: Inorganic Ventures

Sample ID	Analyte	Result ug/L	True Value	% Recovery	Acceptance Window (%R)	M	Analysis Date	Analysis Time	Run Number
CCV07	Beryllium	264	250	106	90 - 110	P	11/10/2025	19:14	LB137841
	Cadmium	2590	2500	104	90 - 110	P	11/10/2025	19:14	LB137841
	Calcium	25800	25000	103	90 - 110	P	11/10/2025	19:14	LB137841
	Chromium	1080	1000	108	90 - 110	P	11/10/2025	19:14	LB137841
	Cobalt	2590	2500	104	90 - 110	P	11/10/2025	19:14	LB137841
	Copper	1320	1250	105	90 - 110	P	11/10/2025	19:14	LB137841
	Iron	5290	5000	106	90 - 110	P	11/10/2025	19:14	LB137841
	Lead	5130	5000	103	90 - 110	P	11/10/2025	19:14	LB137841
	Magnesium	25900	25000	103	90 - 110	P	11/10/2025	19:14	LB137841
	Manganese	2530	2500	101	90 - 110	P	11/10/2025	19:14	LB137841
	Nickel	2570	2500	103	90 - 110	P	11/10/2025	19:14	LB137841
	Potassium	25600	25000	102	90 - 110	P	11/10/2025	19:14	LB137841
	Selenium	5340	5000	107	90 - 110	P	11/10/2025	19:14	LB137841
	Silver	1320	1250	106	90 - 110	P	11/10/2025	19:14	LB137841
	Sodium	24600	25000	98	90 - 110	P	11/10/2025	19:14	LB137841
	Thallium	4950	5000	99	90 - 110	P	11/10/2025	19:14	LB137841
	Vanadium	2590	2500	104	90 - 110	P	11/10/2025	19:14	LB137841
	Zinc	2680	2500	107	90 - 110	P	11/10/2025	19:14	LB137841
CCV08	Aluminum	10400	10000	104	90 - 110	P	11/10/2025	20:11	LB137841
	Antimony	5230	5000	105	90 - 110	P	11/10/2025	20:11	LB137841
	Arsenic	5270	5000	105	90 - 110	P	11/10/2025	20:11	LB137841
	Barium	10200	10000	102	90 - 110	P	11/10/2025	20:11	LB137841
	Beryllium	263	250	105	90 - 110	P	11/10/2025	20:11	LB137841
	Cadmium	2600	2500	104	90 - 110	P	11/10/2025	20:11	LB137841
	Calcium	26000	25000	104	90 - 110	P	11/10/2025	20:11	LB137841
	Chromium	1080	1000	108	90 - 110	P	11/10/2025	20:11	LB137841
	Cobalt	2600	2500	104	90 - 110	P	11/10/2025	20:11	LB137841
	Copper	1320	1250	106	90 - 110	P	11/10/2025	20:11	LB137841
	Iron	5350	5000	107	90 - 110	P	11/10/2025	20:11	LB137841
	Lead	5140	5000	103	90 - 110	P	11/10/2025	20:11	LB137841
	Magnesium	26000	25000	104	90 - 110	P	11/10/2025	20:11	LB137841
	Manganese	2560	2500	102	90 - 110	P	11/10/2025	20:11	LB137841
	Nickel	2580	2500	103	90 - 110	P	11/10/2025	20:11	LB137841
	Potassium	25300	25000	101	90 - 110	P	11/10/2025	20:11	LB137841

Metals

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INITIAL AND CONTINUING CALIBRATION VERIFICATION

Client: Remington & Vernick Engineers

SDG No.: Q3569

Contract: REMI02

Lab Code: ACE

Initial Calibration Source: EPA

Continuing Calibration Source: Inorganic Ventures

Sample ID	Analyte	Result ug/L	True Value	% Recovery	Acceptance Window (%R)	M	Analysis Date	Analysis Time	Run Number
CCV08	Selenium	5310	5000	106	90 - 110	P	11/10/2025	20:11	LB137841
	Silver	1310	1250	105	90 - 110	P	11/10/2025	20:11	LB137841
	Sodium	24300	25000	97	90 - 110	P	11/10/2025	20:11	LB137841
	Thallium	5060	5000	101	90 - 110	P	11/10/2025	20:11	LB137841
	Vanadium	2600	2500	104	90 - 110	P	11/10/2025	20:11	LB137841
	Zinc	2680	2500	107	90 - 110	P	11/10/2025	20:11	LB137841
CCV09	Aluminum	10100	10000	101	90 - 110	P	11/10/2025	21:31	LB137841
	Antimony	5080	5000	102	90 - 110	P	11/10/2025	21:31	LB137841
	Arsenic	5090	5000	102	90 - 110	P	11/10/2025	21:31	LB137841
	Barium	10200	10000	102	90 - 110	P	11/10/2025	21:31	LB137841
	Beryllium	252	250	101	90 - 110	P	11/10/2025	21:31	LB137841
	Cadmium	2490	2500	100	90 - 110	P	11/10/2025	21:31	LB137841
	Calcium	25200	25000	101	90 - 110	P	11/10/2025	21:31	LB137841
	Chromium	1030	1000	103	90 - 110	P	11/10/2025	21:31	LB137841
	Cobalt	2510	2500	100	90 - 110	P	11/10/2025	21:31	LB137841
	Copper	1280	1250	103	90 - 110	P	11/10/2025	21:31	LB137841
	Iron	5180	5000	104	90 - 110	P	11/10/2025	21:31	LB137841
	Lead	4890	5000	98	90 - 110	P	11/10/2025	21:31	LB137841
	Magnesium	25100	25000	101	90 - 110	P	11/10/2025	21:31	LB137841
	Manganese	2500	2500	100	90 - 110	P	11/10/2025	21:31	LB137841
	Nickel	2480	2500	99	90 - 110	P	11/10/2025	21:31	LB137841
	Potassium	25900	25000	104	90 - 110	P	11/10/2025	21:31	LB137841
	Selenium	5050	5000	101	90 - 110	P	11/10/2025	21:31	LB137841
	Silver	1270	1250	102	90 - 110	P	11/10/2025	21:31	LB137841
	Sodium	26500	25000	106	90 - 110	P	11/10/2025	21:31	LB137841
	Thallium	4700	5000	94	90 - 110	P	11/10/2025	21:31	LB137841
	Vanadium	2520	2500	101	90 - 110	P	11/10/2025	21:31	LB137841
	Zinc	2630	2500	105	90 - 110	P	11/10/2025	21:31	LB137841
CCV10	Aluminum	9960	10000	100	90 - 110	P	11/10/2025	22:29	LB137841
	Antimony	4970	5000	99	90 - 110	P	11/10/2025	22:29	LB137841
	Arsenic	4990	5000	100	90 - 110	P	11/10/2025	22:29	LB137841
	Barium	9860	10000	99	90 - 110	P	11/10/2025	22:29	LB137841
	Beryllium	251	250	100	90 - 110	P	11/10/2025	22:29	LB137841
	Cadmium	2450	2500	98	90 - 110	P	11/10/2025	22:29	LB137841

Metals

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INITIAL AND CONTINUING CALIBRATION VERIFICATION

Client: Remington & Vernick Engineers

SDG No.: Q3569

Contract: REMI02

Lab Code: ACE

Initial Calibration Source: EPA

Continuing Calibration Source: Inorganic Ventures

Sample ID	Analyte	Result ug/L	True Value	% Recovery	Acceptance Window (%R)	M	Analysis Date	Analysis Time	Run Number
CCV10	Calcium	24900	25000	100	90 - 110	P	11/10/2025	22:29	LB137841
	Chromium	1030	1000	103	90 - 110	P	11/10/2025	22:29	LB137841
	Cobalt	2470	2500	99	90 - 110	P	11/10/2025	22:29	LB137841
	Copper	1260	1250	101	90 - 110	P	11/10/2025	22:29	LB137841
	Iron	5090	5000	102	90 - 110	P	11/10/2025	22:29	LB137841
	Lead	4820	5000	96	90 - 110	P	11/10/2025	22:29	LB137841
	Magnesium	24900	25000	100	90 - 110	P	11/10/2025	22:29	LB137841
	Manganese	2460	2500	98	90 - 110	P	11/10/2025	22:29	LB137841
	Nickel	2440	2500	98	90 - 110	P	11/10/2025	22:29	LB137841
	Potassium	26200	25000	105	90 - 110	P	11/10/2025	22:29	LB137841
	Selenium	4960	5000	99	90 - 110	P	11/10/2025	22:29	LB137841
	Silver	1250	1250	100	90 - 110	P	11/10/2025	22:29	LB137841
	Sodium	27400	25000	110	90 - 110	P	11/10/2025	22:29	LB137841
	Thallium	4540	5000	91	90 - 110	P	11/10/2025	22:29	LB137841
	Vanadium	2500	2500	100	90 - 110	P	11/10/2025	22:29	LB137841
	Zinc	2580	2500	103	90 - 110	P	11/10/2025	22:29	LB137841
CCV11	Aluminum	9830	10000	98	90 - 110	P	11/10/2025	23:30	LB137841
	Antimony	5020	5000	100	90 - 110	P	11/10/2025	23:30	LB137841
	Arsenic	5060	5000	101	90 - 110	P	11/10/2025	23:30	LB137841
	Barium	9690	10000	97	90 - 110	P	11/10/2025	23:30	LB137841
	Beryllium	248	250	99	90 - 110	P	11/10/2025	23:30	LB137841
	Cadmium	2480	2500	99	90 - 110	P	11/10/2025	23:30	LB137841
	Calcium	24500	25000	98	90 - 110	P	11/10/2025	23:30	LB137841
	Chromium	1040	1000	104	90 - 110	P	11/10/2025	23:30	LB137841
	Cobalt	2490	2500	100	90 - 110	P	11/10/2025	23:30	LB137841
	Copper	1270	1250	102	90 - 110	P	11/10/2025	23:30	LB137841
	Iron	5100	5000	102	90 - 110	P	11/10/2025	23:30	LB137841
	Lead	4890	5000	98	90 - 110	P	11/10/2025	23:30	LB137841
	Magnesium	24600	25000	98	90 - 110	P	11/10/2025	23:30	LB137841
	Manganese	2410	2500	96	90 - 110	P	11/10/2025	23:30	LB137841
	Nickel	2470	2500	99	90 - 110	P	11/10/2025	23:30	LB137841
	Potassium	25600	25000	102	90 - 110	P	11/10/2025	23:30	LB137841
	Selenium	5050	5000	101	90 - 110	P	11/10/2025	23:30	LB137841
	Silver	1260	1250	101	90 - 110	P	11/10/2025	23:30	LB137841

Metals

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INITIAL AND CONTINUING CALIBRATION VERIFICATION

Client: Remington & Vernick Engineers

SDG No.: Q3569

Contract: REMI02

Lab Code: ACE

Initial Calibration Source: EPA

Continuing Calibration Source: Inorganic Ventures

Sample ID	Analyte	Result ug/L	True Value	% Recovery	Acceptance Window (%R)	M	Analysis Date	Analysis Time	Run Number
CCV11	Sodium	24300	25000	97	90 - 110	P	11/10/2025	23:30	LB137841
	Thallium	4790	5000	96	90 - 110	P	11/10/2025	23:30	LB137841
	Vanadium	2470	2500	99	90 - 110	P	11/10/2025	23:30	LB137841
	Zinc	2590	2500	103	90 - 110	P	11/10/2025	23:30	LB137841

Metals

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CRDL STANDARD FOR AA & ICP

Client: Remington & Vernick Engineers

SDG No.: Q3569

Contract: REMI02

Lab Code: ACE

Initial Calibration Source:

Continuing Calibration Source:

Sample ID	Analyte	Result ug/L	True Value ug/L	% Recovery	Acceptance Window (%R)	M	Analysis Date	Analysis Time	Run Number
CRI01	Aluminum	93.6	100	94	65 - 135	P	11/10/2025	12:16	LB137841
	Antimony	48.8	50.0	98	65 - 135	P	11/10/2025	12:16	LB137841
	Arsenic	19.4	20.0	97	65 - 135	P	11/10/2025	12:16	LB137841
	Barium	98.6	100	99	65 - 135	P	11/10/2025	12:16	LB137841
	Beryllium	6.53	6.0	109	65 - 135	P	11/10/2025	12:16	LB137841
	Cadmium	5.98	6.0	100	65 - 135	P	11/10/2025	12:16	LB137841
	Calcium	2140	2000	107	65 - 135	P	11/10/2025	12:16	LB137841
	Chromium	9.05	10.0	90	65 - 135	P	11/10/2025	12:16	LB137841
	Cobalt	29.8	30.0	99	65 - 135	P	11/10/2025	12:16	LB137841
	Copper	21.9	20.0	110	65 - 135	P	11/10/2025	12:16	LB137841
	Iron	112	100	112	65 - 135	P	11/10/2025	12:16	LB137841
	Lead	11.1	12.0	93	65 - 135	P	11/10/2025	12:16	LB137841
	Magnesium	2250	2000	113	65 - 135	P	11/10/2025	12:16	LB137841
	Manganese	21.5	20.0	108	65 - 135	P	11/10/2025	12:16	LB137841
	Nickel	39.7	40.0	99	65 - 135	P	11/10/2025	12:16	LB137841
	Potassium	2030	2000	101	65 - 135	P	11/10/2025	12:16	LB137841
	Selenium	22.6	20.0	113	65 - 135	P	11/10/2025	12:16	LB137841
	Silver	10.1	10.0	101	65 - 135	P	11/10/2025	12:16	LB137841
	Sodium	1620	2000	81	65 - 135	P	11/10/2025	12:16	LB137841
	Thallium	39.2	40.0	98	65 - 135	P	11/10/2025	12:16	LB137841
	Vanadium	35.6	40.0	89	65 - 135	P	11/10/2025	12:16	LB137841
	Zinc	43.2	40.0	108	65 - 135	P	11/10/2025	12:16	LB137841
CRA	Mercury	0.17	0.2	86	70 - 130	CV	11/10/2025	14:39	LB137835



284 Sheffield Street, Mountainside, New Jersey 07092, Phone : 908 789 8900,
Fax : 908 789 8922

Metals

- 3a -

INITIAL AND CONTINUING CALIBRATION BLANK SUMMARY

Client: Remington & Vernick Engineers

SDG No.: Q3569

Contract: REMI02

Lab Code: ACE

Sample ID	Analyte	Result ug/L	Acceptance Limit	Conc Qual	CRQL	M	Analysis Date	Analysis Time	Run Number
ICB108	Mercury	0.076	+/-0.2	U	0.20	CV	11/10/2025	14:32	LB137835

Metals

- 3a -

INITIAL AND CONTINUING CALIBRATION BLANK SUMMARY

Client: Remington & Vernick Engineers

SDG No.: Q3569

Contract: REMI02

Lab Code: ACE

Sample ID	Analyte	Result ug/L	Acceptance Limit	Conc Qual	CRQL	M	Analysis Date	Analysis Time	Run Number
CCB53	Mercury	0.076	+/-0.2	U	0.20	CV	11/10/2025	14:36	LB137835
CCB54	Mercury	0.076	+/-0.2	U	0.20	CV	11/10/2025	15:04	LB137835
CCB55	Mercury	0.076	+/-0.2	U	0.20	CV	11/11/2025	08:38	LB137835

Metals

- 3a -

INITIAL AND CONTINUING CALIBRATION BLANK SUMMARY

Client: Remington & Vernick Engineers

SDG No.: Q3569

Contract: REMI02

Lab Code: ACE

Sample ID	Analyte	Result ug/L	Acceptance Limit	Conc Qual	CRQL	M	Analysis Date	Analysis Time	Run Number
ICB01	Aluminum	11.3	+/-50	U	100	P	11/10/2025	12:11	LB137841
	Antimony	6.76	+/-25	U	50.0	P	11/10/2025	12:11	LB137841
	Arsenic	5.12	+/-10	U	20.0	P	11/10/2025	12:11	LB137841
	Barium	14.6	+/-50	U	100	P	11/10/2025	12:11	LB137841
	Beryllium	0.56	+/-3	U	6.00	P	11/10/2025	12:11	LB137841
	Cadmium	0.50	+/-3	U	6.00	P	11/10/2025	12:11	LB137841
	Calcium	234	+/-1000	U	2000	P	11/10/2025	12:11	LB137841
	Chromium	2.12	+/-5	U	10.0	P	11/10/2025	12:11	LB137841
	Cobalt	2.26	+/-15	U	30.0	P	11/10/2025	12:11	LB137841
	Copper	4.60	+/-10	U	20.0	P	11/10/2025	12:11	LB137841
	Iron	32.9	+/-50	J	100	P	11/10/2025	12:11	LB137841
	Lead	2.30	+/-6	U	12.0	P	11/10/2025	12:11	LB137841
	Magnesium	244	+/-1000	U	2000	P	11/10/2025	12:11	LB137841
	Manganese	5.94	+/-10	U	20.0	P	11/10/2025	12:11	LB137841
	Nickel	3.06	+/-20	U	40.0	P	11/10/2025	12:11	LB137841
	Potassium	918	+/-1000	U	2000	P	11/10/2025	12:11	LB137841
	Selenium	9.64	+/-10	U	20.0	P	11/10/2025	12:11	LB137841
	Silver	1.62	+/-5	U	10.0	P	11/10/2025	12:11	LB137841
	Sodium	868	+/-1000	U	2000	P	11/10/2025	12:11	LB137841
	Thallium	4.38	+/-20	U	40.0	P	11/10/2025	12:11	LB137841
	Vanadium	6.26	+/-20	U	40.0	P	11/10/2025	12:11	LB137841
	Zinc	16.7	+/-20	U	40.0	P	11/10/2025	12:11	LB137841

Metals

- 3a -

INITIAL AND CONTINUING CALIBRATION BLANK SUMMARY

Client: Remington & Vernick Engineers

SDG No.: Q3569

Contract: REMI02

Lab Code: ACE

Sample ID	Analyte	Result ug/L	Acceptance Limit	Conc Qual	CRQL	M	Analysis Date	Analysis Time	Run Number
CCB01	Aluminum	14.6	+/-50	J	100	P	11/10/2025	12:42	LB137841
	Antimony	6.76	+/-25	U	50.0	P	11/10/2025	12:42	LB137841
	Arsenic	5.12	+/-10	U	20.0	P	11/10/2025	12:42	LB137841
	Barium	14.6	+/-50	U	100	P	11/10/2025	12:42	LB137841
	Beryllium	0.56	+/-3	U	6.00	P	11/10/2025	12:42	LB137841
	Cadmium	0.50	+/-3	U	6.00	P	11/10/2025	12:42	LB137841
	Calcium	234	+/-1000	U	2000	P	11/10/2025	12:42	LB137841
	Chromium	2.12	+/-5	U	10.0	P	11/10/2025	12:42	LB137841
	Cobalt	2.26	+/-15	U	30.0	P	11/10/2025	12:42	LB137841
	Copper	4.60	+/-10	U	20.0	P	11/10/2025	12:42	LB137841
	Iron	23.4	+/-50	U	100	P	11/10/2025	12:42	LB137841
	Lead	2.30	+/-6	U	12.0	P	11/10/2025	12:42	LB137841
	Magnesium	244	+/-1000	U	2000	P	11/10/2025	12:42	LB137841
	Manganese	5.94	+/-10	U	20.0	P	11/10/2025	12:42	LB137841
	Nickel	3.06	+/-20	U	40.0	P	11/10/2025	12:42	LB137841
	Potassium	918	+/-1000	U	2000	P	11/10/2025	12:42	LB137841
	Selenium	9.64	+/-10	U	20.0	P	11/10/2025	12:42	LB137841
	Silver	1.62	+/-5	U	10.0	P	11/10/2025	12:42	LB137841
	Sodium	868	+/-1000	U	2000	P	11/10/2025	12:42	LB137841
	Thallium	4.38	+/-20	U	40.0	P	11/10/2025	12:42	LB137841
	Vanadium	6.26	+/-20	U	40.0	P	11/10/2025	12:42	LB137841
	Zinc	16.7	+/-20	U	40.0	P	11/10/2025	12:42	LB137841
CCB02	Aluminum	20.4	+/-50	J	100	P	11/10/2025	13:54	LB137841
	Antimony	6.76	+/-25	U	50.0	P	11/10/2025	13:54	LB137841
	Arsenic	5.12	+/-10	U	20.0	P	11/10/2025	13:54	LB137841
	Barium	14.6	+/-50	U	100	P	11/10/2025	13:54	LB137841
	Beryllium	0.56	+/-3	U	6.00	P	11/10/2025	13:54	LB137841
	Cadmium	0.50	+/-3	U	6.00	P	11/10/2025	13:54	LB137841
	Calcium	234	+/-1000	U	2000	P	11/10/2025	13:54	LB137841
	Chromium	2.12	+/-5	U	10.0	P	11/10/2025	13:54	LB137841
	Cobalt	2.26	+/-15	U	30.0	P	11/10/2025	13:54	LB137841
	Copper	4.60	+/-10	U	20.0	P	11/10/2025	13:54	LB137841
	Iron	29.8	+/-50	J	100	P	11/10/2025	13:54	LB137841
	Lead	2.30	+/-6	U	12.0	P	11/10/2025	13:54	LB137841
	Magnesium	244	+/-1000	U	2000	P	11/10/2025	13:54	LB137841
	Manganese	5.94	+/-10	U	20.0	P	11/10/2025	13:54	LB137841
	Nickel	3.06	+/-20	U	40.0	P	11/10/2025	13:54	LB137841
	Potassium	918	+/-1000	U	2000	P	11/10/2025	13:54	LB137841
	Selenium	9.64	+/-10	U	20.0	P	11/10/2025	13:54	LB137841

Metals

- 3a -

INITIAL AND CONTINUING CALIBRATION BLANK SUMMARY

Client: Remington & Vernick Engineers

SDG No.: Q3569

Contract: REMI02

Lab Code: ACE

Sample ID	Analyte	Result ug/L	Acceptance Limit	Conc Qual	CRQL	M	Analysis Date	Analysis Time	Run Number
CCB02	Silver	1.62	+/-5	U	10.0	P	11/10/2025	13:54	LB137841
	Sodium	868	+/-1000	U	2000	P	11/10/2025	13:54	LB137841
	Thallium	4.43	+/-20	J	40.0	P	11/10/2025	13:54	LB137841
	Vanadium	6.26	+/-20	U	40.0	P	11/10/2025	13:54	LB137841
	Zinc	16.7	+/-20	U	40.0	P	11/10/2025	13:54	LB137841
CCB03	Aluminum	11.3	+/-50	U	100	P	11/10/2025	14:50	LB137841
	Antimony	6.76	+/-25	U	50.0	P	11/10/2025	14:50	LB137841
	Arsenic	5.12	+/-10	U	20.0	P	11/10/2025	14:50	LB137841
	Barium	14.6	+/-50	U	100	P	11/10/2025	14:50	LB137841
	Beryllium	0.56	+/-3	U	6.00	P	11/10/2025	14:50	LB137841
	Cadmium	0.50	+/-3	U	6.00	P	11/10/2025	14:50	LB137841
	Calcium	234	+/-1000	U	2000	P	11/10/2025	14:50	LB137841
	Chromium	2.12	+/-5	U	10.0	P	11/10/2025	14:50	LB137841
	Cobalt	2.26	+/-15	U	30.0	P	11/10/2025	14:50	LB137841
	Copper	4.60	+/-10	U	20.0	P	11/10/2025	14:50	LB137841
	Iron	29.3	+/-50	J	100	P	11/10/2025	14:50	LB137841
	Lead	2.30	+/-6	U	12.0	P	11/10/2025	14:50	LB137841
	Magnesium	244	+/-1000	U	2000	P	11/10/2025	14:50	LB137841
	Manganese	5.94	+/-10	U	20.0	P	11/10/2025	14:50	LB137841
	Nickel	3.06	+/-20	U	40.0	P	11/10/2025	14:50	LB137841
	Potassium	918	+/-1000	U	2000	P	11/10/2025	14:50	LB137841
	Selenium	9.64	+/-10	U	20.0	P	11/10/2025	14:50	LB137841
	Silver	1.62	+/-5	U	10.0	P	11/10/2025	14:50	LB137841
	Sodium	868	+/-1000	U	2000	P	11/10/2025	14:50	LB137841
	Thallium	4.38	+/-20	U	40.0	P	11/10/2025	14:50	LB137841
	Vanadium	6.26	+/-20	U	40.0	P	11/10/2025	14:50	LB137841
	Zinc	16.7	+/-20	U	40.0	P	11/10/2025	14:50	LB137841
CCB04	Aluminum	37.9	+/-50	J	100	P	11/10/2025	15:47	LB137841
	Antimony	6.76	+/-25	U	50.0	P	11/10/2025	15:47	LB137841
	Arsenic	5.12	+/-10	U	20.0	P	11/10/2025	15:47	LB137841
	Barium	14.6	+/-50	U	100	P	11/10/2025	15:47	LB137841
	Beryllium	0.56	+/-3	U	6.00	P	11/10/2025	15:47	LB137841
	Cadmium	0.50	+/-3	U	6.00	P	11/10/2025	15:47	LB137841
	Calcium	234	+/-1000	U	2000	P	11/10/2025	15:47	LB137841
	Chromium	2.12	+/-5	U	10.0	P	11/10/2025	15:47	LB137841
	Cobalt	2.26	+/-15	U	30.0	P	11/10/2025	15:47	LB137841
	Copper	4.60	+/-10	U	20.0	P	11/10/2025	15:47	LB137841
	Iron	37.7	+/-50	J	100	P	11/10/2025	15:47	LB137841
	Lead	2.30	+/-6	U	12.0	P	11/10/2025	15:47	LB137841

Metals

- 3a -

INITIAL AND CONTINUING CALIBRATION BLANK SUMMARY

Client: Remington & Vernick Engineers

SDG No.: Q3569

Contract: REMI02

Lab Code: ACE

Sample ID	Analyte	Result ug/L	Acceptance Limit	Conc Qual	CRQL	M	Analysis Date	Analysis Time	Run Number
CCB04	Magnesium	244	+/-1000	U	2000	P	11/10/2025	15:47	LB137841
	Manganese	5.94	+/-10	U	20.0	P	11/10/2025	15:47	LB137841
	Nickel	3.06	+/-20	U	40.0	P	11/10/2025	15:47	LB137841
	Potassium	918	+/-1000	U	2000	P	11/10/2025	15:47	LB137841
	Selenium	9.64	+/-10	U	20.0	P	11/10/2025	15:47	LB137841
	Silver	1.62	+/-5	U	10.0	P	11/10/2025	15:47	LB137841
	Sodium	868	+/-1000	U	2000	P	11/10/2025	15:47	LB137841
	Thallium	4.38	+/-20	U	40.0	P	11/10/2025	15:47	LB137841
	Vanadium	6.26	+/-20	U	40.0	P	11/10/2025	15:47	LB137841
	Zinc	16.7	+/-20	U	40.0	P	11/10/2025	15:47	LB137841
CCB05	Aluminum	19.1	+/-50	J	100	P	11/10/2025	16:38	LB137841
	Antimony	6.76	+/-25	U	50.0	P	11/10/2025	16:38	LB137841
	Arsenic	5.12	+/-10	U	20.0	P	11/10/2025	16:38	LB137841
	Barium	14.6	+/-50	U	100	P	11/10/2025	16:38	LB137841
	Beryllium	0.56	+/-3	U	6.00	P	11/10/2025	16:38	LB137841
	Cadmium	0.50	+/-3	U	6.00	P	11/10/2025	16:38	LB137841
	Calcium	234	+/-1000	U	2000	P	11/10/2025	16:38	LB137841
	Chromium	2.12	+/-5	U	10.0	P	11/10/2025	16:38	LB137841
	Cobalt	2.26	+/-15	U	30.0	P	11/10/2025	16:38	LB137841
	Copper	4.60	+/-10	U	20.0	P	11/10/2025	16:38	LB137841
	Iron	24.8	+/-50	J	100	P	11/10/2025	16:38	LB137841
	Lead	2.30	+/-6	U	12.0	P	11/10/2025	16:38	LB137841
	Magnesium	244	+/-1000	U	2000	P	11/10/2025	16:38	LB137841
	Manganese	5.94	+/-10	U	20.0	P	11/10/2025	16:38	LB137841
	Nickel	3.06	+/-20	U	40.0	P	11/10/2025	16:38	LB137841
	Potassium	918	+/-1000	U	2000	P	11/10/2025	16:38	LB137841
	Selenium	9.64	+/-10	U	20.0	P	11/10/2025	16:38	LB137841
	Silver	1.62	+/-5	U	10.0	P	11/10/2025	16:38	LB137841
	Sodium	868	+/-1000	U	2000	P	11/10/2025	16:38	LB137841
	Thallium	4.38	+/-20	U	40.0	P	11/10/2025	16:38	LB137841
	Vanadium	6.26	+/-20	U	40.0	P	11/10/2025	16:38	LB137841
	Zinc	16.7	+/-20	U	40.0	P	11/10/2025	16:38	LB137841
CCB06	Aluminum	23.5	+/-50	J	100	P	11/10/2025	17:31	LB137841
	Antimony	6.76	+/-25	U	50.0	P	11/10/2025	17:31	LB137841
	Arsenic	7.21	+/-10	J	20.0	P	11/10/2025	17:31	LB137841
	Barium	14.6	+/-50	U	100	P	11/10/2025	17:31	LB137841
	Beryllium	0.56	+/-3	U	6.00	P	11/10/2025	17:31	LB137841
	Cadmium	0.50	+/-3	U	6.00	P	11/10/2025	17:31	LB137841
	Calcium	234	+/-1000	U	2000	P	11/10/2025	17:31	LB137841

Metals

- 3a -

INITIAL AND CONTINUING CALIBRATION BLANK SUMMARY

Client: Remington & Vernick Engineers

SDG No.: Q3569

Contract: REMI02

Lab Code: ACE

Sample ID	Analyte	Result ug/L	Acceptance Limit	Conc Qual	CRQL	M	Analysis Date	Analysis Time	Run Number
CCB06	Chromium	2.12	+/-5	U	10.0	P	11/10/2025	17:31	LB137841
	Cobalt	2.26	+/-15	U	30.0	P	11/10/2025	17:31	LB137841
	Copper	4.60	+/-10	U	20.0	P	11/10/2025	17:31	LB137841
	Iron	24.6	+/-50	J	100	P	11/10/2025	17:31	LB137841
	Lead	2.30	+/-6	U	12.0	P	11/10/2025	17:31	LB137841
	Magnesium	244	+/-1000	U	2000	P	11/10/2025	17:31	LB137841
	Manganese	5.94	+/-10	U	20.0	P	11/10/2025	17:31	LB137841
	Nickel	3.06	+/-20	U	40.0	P	11/10/2025	17:31	LB137841
	Potassium	918	+/-1000	U	2000	P	11/10/2025	17:31	LB137841
	Selenium	9.64	+/-10	U	20.0	P	11/10/2025	17:31	LB137841
	Silver	1.62	+/-5	U	10.0	P	11/10/2025	17:31	LB137841
	Sodium	868	+/-1000	U	2000	P	11/10/2025	17:31	LB137841
	Thallium	4.38	+/-20	U	40.0	P	11/10/2025	17:31	LB137841
	Vanadium	6.26	+/-20	U	40.0	P	11/10/2025	17:31	LB137841
	Zinc	16.7	+/-20	U	40.0	P	11/10/2025	17:31	LB137841
CCB07	Aluminum	18.8	+/-50	J	100	P	11/10/2025	19:18	LB137841
	Antimony	6.76	+/-25	U	50.0	P	11/10/2025	19:18	LB137841
	Arsenic	5.12	+/-10	U	20.0	P	11/10/2025	19:18	LB137841
	Barium	14.6	+/-50	U	100	P	11/10/2025	19:18	LB137841
	Beryllium	0.56	+/-3	U	6.00	P	11/10/2025	19:18	LB137841
	Cadmium	0.50	+/-3	U	6.00	P	11/10/2025	19:18	LB137841
	Calcium	234	+/-1000	U	2000	P	11/10/2025	19:18	LB137841
	Chromium	2.12	+/-5	U	10.0	P	11/10/2025	19:18	LB137841
	Cobalt	2.26	+/-15	U	30.0	P	11/10/2025	19:18	LB137841
	Copper	4.60	+/-10	U	20.0	P	11/10/2025	19:18	LB137841
	Iron	38.0	+/-50	J	100	P	11/10/2025	19:18	LB137841
	Lead	2.30	+/-6	U	12.0	P	11/10/2025	19:18	LB137841
	Magnesium	244	+/-1000	U	2000	P	11/10/2025	19:18	LB137841
	Manganese	5.94	+/-10	U	20.0	P	11/10/2025	19:18	LB137841
	Nickel	3.06	+/-20	U	40.0	P	11/10/2025	19:18	LB137841
	Potassium	918	+/-1000	U	2000	P	11/10/2025	19:18	LB137841
	Selenium	9.64	+/-10	U	20.0	P	11/10/2025	19:18	LB137841
	Silver	1.62	+/-5	U	10.0	P	11/10/2025	19:18	LB137841
	Sodium	868	+/-1000	U	2000	P	11/10/2025	19:18	LB137841
	Thallium	4.38	+/-20	U	40.0	P	11/10/2025	19:18	LB137841
	Vanadium	6.26	+/-20	U	40.0	P	11/10/2025	19:18	LB137841
	Zinc	16.7	+/-20	U	40.0	P	11/10/2025	19:18	LB137841
CCB08	Aluminum	49.0	+/-50	J	100	P	11/10/2025	20:26	LB137841
	Antimony	6.76	+/-25	U	50.0	P	11/10/2025	20:26	LB137841

Metals

- 3a -

INITIAL AND CONTINUING CALIBRATION BLANK SUMMARY

Client: Remington & Vernick Engineers

SDG No.: Q3569

Contract: REMI02

Lab Code: ACE

Sample ID	Analyte	Result ug/L	Acceptance Limit	Conc Qual	CRQL	M	Analysis Date	Analysis Time	Run Number
CCB08	Arsenic	5.12	+/-10	U	20.0	P	11/10/2025	20:26	LB137841
	Barium	14.6	+/-50	U	100	P	11/10/2025	20:26	LB137841
	Beryllium	0.56	+/-3	U	6.00	P	11/10/2025	20:26	LB137841
	Cadmium	0.50	+/-3	U	6.00	P	11/10/2025	20:26	LB137841
	Calcium	234	+/-1000	U	2000	P	11/10/2025	20:26	LB137841
	Chromium	2.12	+/-5	U	10.0	P	11/10/2025	20:26	LB137841
	Cobalt	2.26	+/-15	U	30.0	P	11/10/2025	20:26	LB137841
	Copper	4.60	+/-10	U	20.0	P	11/10/2025	20:26	LB137841
	Iron	27.2	+/-50	J	100	P	11/10/2025	20:26	LB137841
	Lead	2.30	+/-6	U	12.0	P	11/10/2025	20:26	LB137841
	Magnesium	244	+/-1000	U	2000	P	11/10/2025	20:26	LB137841
	Manganese	5.94	+/-10	U	20.0	P	11/10/2025	20:26	LB137841
	Nickel	3.06	+/-20	U	40.0	P	11/10/2025	20:26	LB137841
	Potassium	918	+/-1000	U	2000	P	11/10/2025	20:26	LB137841
	Selenium	9.64	+/-10	U	20.0	P	11/10/2025	20:26	LB137841
	Silver	1.62	+/-5	U	10.0	P	11/10/2025	20:26	LB137841
	Sodium	868	+/-1000	U	2000	P	11/10/2025	20:26	LB137841
	Thallium	4.38	+/-20	U	40.0	P	11/10/2025	20:26	LB137841
	Vanadium	6.26	+/-20	U	40.0	P	11/10/2025	20:26	LB137841
	Zinc	16.7	+/-20	U	40.0	P	11/10/2025	20:26	LB137841
CCB09	Aluminum	11.3	+/-50	U	100	P	11/10/2025	21:41	LB137841
	Antimony	6.76	+/-25	U	50.0	P	11/10/2025	21:41	LB137841
	Arsenic	5.12	+/-10	U	20.0	P	11/10/2025	21:41	LB137841
	Barium	14.6	+/-50	U	100	P	11/10/2025	21:41	LB137841
	Beryllium	0.56	+/-3	U	6.00	P	11/10/2025	21:41	LB137841
	Cadmium	0.50	+/-3	U	6.00	P	11/10/2025	21:41	LB137841
	Calcium	234	+/-1000	U	2000	P	11/10/2025	21:41	LB137841
	Chromium	2.12	+/-5	U	10.0	P	11/10/2025	21:41	LB137841
	Cobalt	2.26	+/-15	U	30.0	P	11/10/2025	21:41	LB137841
	Copper	4.60	+/-10	U	20.0	P	11/10/2025	21:41	LB137841
	Iron	23.4	+/-50	U	100	P	11/10/2025	21:41	LB137841
	Lead	2.30	+/-6	U	12.0	P	11/10/2025	21:41	LB137841
	Magnesium	244	+/-1000	U	2000	P	11/10/2025	21:41	LB137841
	Manganese	5.94	+/-10	U	20.0	P	11/10/2025	21:41	LB137841
	Nickel	3.06	+/-20	U	40.0	P	11/10/2025	21:41	LB137841
	Potassium	918	+/-1000	U	2000	P	11/10/2025	21:41	LB137841
	Selenium	9.64	+/-10	U	20.0	P	11/10/2025	21:41	LB137841
	Silver	1.62	+/-5	U	10.0	P	11/10/2025	21:41	LB137841
	Sodium	868	+/-1000	U	2000	P	11/10/2025	21:41	LB137841

Metals

- 3a -

INITIAL AND CONTINUING CALIBRATION BLANK SUMMARY

Client: Remington & Vernick Engineers

SDG No.: Q3569

Contract: REMI02

Lab Code: ACE

Sample ID	Analyte	Result ug/L	Acceptance Limit	Conc Qual	CRQL	M	Analysis Date	Analysis Time	Run Number
CCB09	Thallium	4.38	+/-20	U	40.0	P	11/10/2025	21:41	LB137841
	Vanadium	6.26	+/-20	U	40.0	P	11/10/2025	21:41	LB137841
	Zinc	16.7	+/-20	U	40.0	P	11/10/2025	21:41	LB137841
CCB10	Aluminum	21.4	+/-50	J	100	P	11/10/2025	22:47	LB137841
	Antimony	6.76	+/-25	U	50.0	P	11/10/2025	22:47	LB137841
	Arsenic	5.12	+/-10	U	20.0	P	11/10/2025	22:47	LB137841
	Barium	14.6	+/-50	U	100	P	11/10/2025	22:47	LB137841
	Beryllium	0.56	+/-3	U	6.00	P	11/10/2025	22:47	LB137841
	Cadmium	0.50	+/-3	U	6.00	P	11/10/2025	22:47	LB137841
	Calcium	234	+/-1000	U	2000	P	11/10/2025	22:47	LB137841
	Chromium	2.12	+/-5	U	10.0	P	11/10/2025	22:47	LB137841
	Cobalt	2.26	+/-15	U	30.0	P	11/10/2025	22:47	LB137841
	Copper	4.60	+/-10	U	20.0	P	11/10/2025	22:47	LB137841
	Iron	23.4	+/-50	U	100	P	11/10/2025	22:47	LB137841
	Lead	2.30	+/-6	U	12.0	P	11/10/2025	22:47	LB137841
	Magnesium	244	+/-1000	U	2000	P	11/10/2025	22:47	LB137841
	Manganese	5.94	+/-10	U	20.0	P	11/10/2025	22:47	LB137841
	Nickel	3.06	+/-20	U	40.0	P	11/10/2025	22:47	LB137841
	Potassium	918	+/-1000	U	2000	P	11/10/2025	22:47	LB137841
	Selenium	9.64	+/-10	U	20.0	P	11/10/2025	22:47	LB137841
	Silver	1.62	+/-5	U	10.0	P	11/10/2025	22:47	LB137841
	Sodium	868	+/-1000	U	2000	P	11/10/2025	22:47	LB137841
	Thallium	4.38	+/-20	U	40.0	P	11/10/2025	22:47	LB137841
	Vanadium	6.26	+/-20	U	40.0	P	11/10/2025	22:47	LB137841
	Zinc	16.7	+/-20	U	40.0	P	11/10/2025	22:47	LB137841
	Aluminum	39.4	+/-50	J	100	P	11/10/2025	23:34	LB137841
	Antimony	6.76	+/-25	U	50.0	P	11/10/2025	23:34	LB137841
	Arsenic	5.12	+/-10	U	20.0	P	11/10/2025	23:34	LB137841
	Barium	14.6	+/-50	U	100	P	11/10/2025	23:34	LB137841
	Beryllium	0.56	+/-3	U	6.00	P	11/10/2025	23:34	LB137841
	Cadmium	0.50	+/-3	U	6.00	P	11/10/2025	23:34	LB137841
	Calcium	234	+/-1000	U	2000	P	11/10/2025	23:34	LB137841
	Chromium	2.12	+/-5	U	10.0	P	11/10/2025	23:34	LB137841
	Cobalt	2.26	+/-15	U	30.0	P	11/10/2025	23:34	LB137841
	Copper	4.60	+/-10	U	20.0	P	11/10/2025	23:34	LB137841
	Iron	23.4	+/-50	U	100	P	11/10/2025	23:34	LB137841
	Lead	2.30	+/-6	U	12.0	P	11/10/2025	23:34	LB137841
	Magnesium	244	+/-1000	U	2000	P	11/10/2025	23:34	LB137841
	Manganese	5.94	+/-10	U	20.0	P	11/10/2025	23:34	LB137841

Metals

- 3a -

INITIAL AND CONTINUING CALIBRATION BLANK SUMMARY

Client: Remington & Vernick Engineers

SDG No.: Q3569

Contract: REMI02

Lab Code: ACE

Sample ID	Analyte	Result ug/L	Acceptance Limit	Conc Qual	CRQL	M	Analysis Date	Analysis Time	Run Number
CCB11	Nickel	3.06	+/-20	U	40.0	P	11/10/2025	23:34	LB137841
	Potassium	918	+/-1000	U	2000	P	11/10/2025	23:34	LB137841
	Selenium	9.64	+/-10	U	20.0	P	11/10/2025	23:34	LB137841
	Silver	1.62	+/-5	U	10.0	P	11/10/2025	23:34	LB137841
	Sodium	868	+/-1000	U	2000	P	11/10/2025	23:34	LB137841
	Thallium	4.38	+/-20	U	40.0	P	11/10/2025	23:34	LB137841
	Vanadium	6.26	+/-20	U	40.0	P	11/10/2025	23:34	LB137841
	Zinc	16.7	+/-20	U	40.0	P	11/10/2025	23:34	LB137841

Metals
- 3b -
PREPARATION BLANK SUMMARY

Client: Remington & Vernick Engineers

SDG No.: Q3569

Instrument: CV1

Sample ID	Analyte	Result (ug/L)	Acceptance Limit	Conc Qual	CRQL ug/L	M	Analysis Date	Analysis Time	Run
PB170468BL		WATER		Batch Number:	PB170468		Prep Date:	11/10/2025	
	Mercury	0.076	<0.2	U	0.20	CV	11/10/2025	14:45	LB137835

Metals
- 3b -
PREPARATION BLANK SUMMARY

Client: Remington & Vernick Engineers

SDG No.: Q3569

Instrument: P4

Sample ID	Analyte	Result (ug/L)	Acceptance Limit	Conc Qual	CRQL ug/L	M	Analysis Date	Analysis Time	Run
PB170434BL	WATER			Batch Number:	PB170434		Prep Date:	11/07/2025	
	Aluminum	5.67	<25	U	50.0	P	11/10/2025	15:22	LB137841
	Antimony	3.38	<12.5	U	25.0	P	11/10/2025	15:22	LB137841
	Arsenic	2.56	<5	U	10.0	P	11/10/2025	15:22	LB137841
	Barium	7.28	<25	U	50.0	P	11/10/2025	15:22	LB137841
	Beryllium	0.28	<1.5	U	3.00	P	11/10/2025	15:22	LB137841
	Cadmium	0.25	<1.5	U	3.00	P	11/10/2025	15:22	LB137841
	Calcium	117	<500	U	1000	P	11/10/2025	15:22	LB137841
	Chromium	1.06	<2.5	U	5.00	P	11/10/2025	15:22	LB137841
	Cobalt	1.13	<7.5	U	15.0	P	11/10/2025	15:22	LB137841
	Copper	2.30	<5	U	10.0	P	11/10/2025	15:22	LB137841
	Iron	12.2	<25	J	50.0	P	11/10/2025	15:22	LB137841
	Lead	1.15	<3	U	6.00	P	11/10/2025	15:22	LB137841
	Magnesium	122	<500	U	1000	P	11/10/2025	15:22	LB137841
	Manganese	2.97	<5	U	10.0	P	11/10/2025	15:22	LB137841
	Nickel	1.53	<10	U	20.0	P	11/10/2025	15:22	LB137841
	Potassium	459	<500	U	1000	P	11/10/2025	15:22	LB137841
	Selenium	4.82	<5	U	10.0	P	11/10/2025	15:22	LB137841
	Silver	0.81	<2.5	U	5.00	P	11/10/2025	15:22	LB137841
	Sodium	434	<500	U	1000	P	11/10/2025	15:22	LB137841
	Thallium	2.19	<10	U	20.0	P	11/10/2025	15:22	LB137841
	Vanadium	3.13	<10	U	20.0	P	11/10/2025	15:22	LB137841
	Zinc	8.33	<10	U	20.0	P	11/10/2025	15:22	LB137841

Metals
- 4 -
INTERFERENCE CHECK SAMPLE

Client: <u>Remington & Vernick Engineers</u>	SDG No.: <u>Q3569</u>
Contract: <u>REMI02</u>	Lab Code: <u>ACE</u>
ICS Source: <u>EPA</u>	Instrument ID: <u>P4</u>

Sample ID	Analyte	Result ug/L	True Value ug/L	% Recovery	Low Limit (ug/L)	High Limit (ug/L)	Analysis Date	Analysis Time	Run Number
ICSA01	Aluminum	247000	255000	97	216000	294000	11/10/2025	12:21	LB137841
	Antimony	1.44			-50	50	11/10/2025	12:21	LB137841
	Arsenic	4.11			-20	20	11/10/2025	12:21	LB137841
	Barium	1.49	6.0	25	-94	106	11/10/2025	12:21	LB137841
	Beryllium	1.48			-6	6	11/10/2025	12:21	LB137841
	Cadmium	0.069	1.0	7	-5	7	11/10/2025	12:21	LB137841
	Calcium	238000	245000	97	208000	282000	11/10/2025	12:21	LB137841
	Chromium	49.5	52.0	95	42	62	11/10/2025	12:21	LB137841
	Cobalt	1.52			-30	30	11/10/2025	12:21	LB137841
	Copper	18.7	2.0	935	-18	22	11/10/2025	12:21	LB137841
	Iron	103000	101000	102	85600	116500	11/10/2025	12:21	LB137841
	Lead	-2.05			-12	12	11/10/2025	12:21	LB137841
	Magnesium	249000	255000	98	216000	294000	11/10/2025	12:21	LB137841
	Manganese	8.79	7.0	126	-13	27	11/10/2025	12:21	LB137841
	Nickel	6.36	2.0	318	-38	42	11/10/2025	12:21	LB137841
	Potassium	291			0	0	11/10/2025	12:21	LB137841
	Selenium	3.23			-20	20	11/10/2025	12:21	LB137841
	Silver	0.36			-10	10	11/10/2025	12:21	LB137841
	Sodium	-245			0	0	11/10/2025	12:21	LB137841
	Thallium	5.19			-40	40	11/10/2025	12:21	LB137841
	Vanadium	-3.12			-40	40	11/10/2025	12:21	LB137841
	Zinc	3.40			-40	40	11/10/2025	12:21	LB137841
ICSAB01	Aluminum	250000	247000	101	209000	285000	11/10/2025	12:26	LB137841
	Antimony	608	618	98	525	711	11/10/2025	12:26	LB137841
	Arsenic	101	104	97	88.4	120	11/10/2025	12:26	LB137841
	Barium	497	537	93	437	637	11/10/2025	12:26	LB137841
	Beryllium	515	495	104	420	570	11/10/2025	12:26	LB137841
	Cadmium	996	972	102	826	1120	11/10/2025	12:26	LB137841
	Calcium	239000	235000	102	199000	271000	11/10/2025	12:26	LB137841
	Chromium	584	542	108	460	624	11/10/2025	12:26	LB137841
	Cobalt	505	476	106	404	548	11/10/2025	12:26	LB137841
	Copper	501	511	98	434	588	11/10/2025	12:26	LB137841
	Iron	103000	99300	104	84400	114500	11/10/2025	12:26	LB137841
	Lead	49.4	49.0	101	37	61	11/10/2025	12:26	LB137841
	Magnesium	250000	248000	101	210000	286000	11/10/2025	12:26	LB137841
	Manganese	505	507	100	430	584	11/10/2025	12:26	LB137841
	Nickel	1020	954	107	810	1100	11/10/2025	12:26	LB137841
	Potassium	-9.62			0	0	11/10/2025	12:26	LB137841
	Selenium	51.0	46.0	111	26	66	11/10/2025	12:26	LB137841
	Silver	204	201	102	170	232	11/10/2025	12:26	LB137841
	Sodium	-230			0	0	11/10/2025	12:26	LB137841
	Thallium	98.9	108	92	68	148	11/10/2025	12:26	LB137841

Metals

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INTERFERENCE CHECK SAMPLE

Client: Remington & Vernick Engineers

SDG No.: Q3569

Contract: REMI02

Lab Code: ACE

ICS Source: EPA

Instrument ID: P4

Sample ID	Analyte	Result ug/L	True Value ug/L	% Recovery	Low Limit (ug/L)	High Limit (ug/L)	Analysis Date	Analysis Time	Run Number
ICSAB01	Vanadium	511	491	104	417	565	11/10/2025	12:26	LB137841
	Zinc	1030	952	108	809	1095	11/10/2025	12:26	LB137841



METAL QC DATA

metals
- 5a -
MATRIX SPIKE SUMMARY

client: Remington & Vernick Engineers **level:** low **sdg no.:** Q3569
contract: REMI02 **lab code:** ACE
matrix: Water **sample id:** Q3566-01 **client id:** WATER-TREATMENT DISCHARGEMS
Percent Solids for Sample: NA **Spiked ID:** Q3566-01MS **Percent Solids for Spike Sample:** NA

Analyte	Units	Acceptance Limit %R	Spiked Result	C	Sample Result	C	Spike Added	% Recovery	Qual	M
Aluminum	ug/L	75 - 125	4990		3850		1000	113		P
Antimony	ug/L	75 - 125	405		25.0	U	400	101		P
Arsenic	ug/L	75 - 125	420		10.0	U	400	105		P
Barium	ug/L	75 - 125	108		50.0	U	100	108		P
Beryllium	ug/L	75 - 125	100		3.00	U	100	100		P
Cadmium	ug/L	75 - 125	108		3.00	U	100	108		P
Calcium	ug/L	75 - 125	13600		12700		500	184		P
Chromium	ug/L	75 - 125	377		160		200	109		P
Cobalt	ug/L	75 - 125	110		15.0	U	100	110		P
Copper	ug/L	75 - 125	159		6.36	J	150	101		P
Iron	ug/L	75 - 125	1730		55.0		1500	112		P
Lead	ug/L	75 - 125	509		6.00	U	500	102		P
Magnesium	ug/L	75 - 125	4290		3240		1000	105		P
Manganese	ug/L	75 - 125	112		9.92	J	100	102		P
Nickel	ug/L	75 - 125	277		6.37	J	250	108		P
Potassium	ug/L	75 - 125	146000		135000		5000	207		P
Selenium	ug/L	75 - 125	1020		10.0	U	1000	102		P
Silver	ug/L	75 - 125	35.6		5.00	U	37.5	95		P
Sodium	ug/L	75 - 125	732000		703000		1500	1921		P
Thallium	ug/L	75 - 125	930		20.0	U	1000	93		P
Vanadium	ug/L	75 - 125	154		20.0	U	150	103		P
Zinc	ug/L	75 - 125	160		49.7		100	111		P

metals
- 5a -
MATRIX SPIKE DUPLICATE SUMMARY

client: Remington & Vernick Engineers **level:** low **sdg no.:** Q3569
contract: REMI02 **lab code:** ACE
matrix: Water **sample id:** Q3566-01 **client id:** WATER-TREATMENT DISCHARGEMSD
Percent Solids for Sample: NA **Spiked ID:** Q3566-01MSD **Percent Solids for Spike Sample:** NA

Analyte	Units	Acceptance Limit %R	MSD Result	C	Sample Result	C	Spike Added	% Recovery	Qual	M
Aluminum	ug/L	75 - 125	4680		3850		1000	83		P
Antimony	ug/L	75 - 125	363		25.0	U	400	91		P
Arsenic	ug/L	75 - 125	410		10.0	U	400	102		P
Barium	ug/L	75 - 125	103		50.0	U	100	103		P
Beryllium	ug/L	75 - 125	96.7		3.00	U	100	97		P
Cadmium	ug/L	75 - 125	104		3.00	U	100	104		P
Calcium	ug/L	75 - 125	12800		12700		500	16		P
Chromium	ug/L	75 - 125	422		160		200	131	N	P
Cobalt	ug/L	75 - 125	105		15.0	U	100	105		P
Copper	ug/L	75 - 125	154		6.36	J	150	99		P
Iron	ug/L	75 - 125	1950		55.0		1500	126	N	P
Lead	ug/L	75 - 125	495		6.00	U	500	99		P
Magnesium	ug/L	75 - 125	4080		3240		1000	84		P
Manganese	ug/L	75 - 125	108		9.92	J	100	98		P
Nickel	ug/L	75 - 125	273		6.37	J	250	107		P
Potassium	ug/L	75 - 125	138000		135000		5000	59		P
Selenium	ug/L	75 - 125	992		10.0	U	1000	99		P
Silver	ug/L	75 - 125	35.4		5.00	U	37.5	94		P
Sodium	ug/L	75 - 125	684000		703000		1500	-1302		P
Thallium	ug/L	75 - 125	856		20.0	U	1000	86		P
Vanadium	ug/L	75 - 125	149		20.0	U	150	99		P
Zinc	ug/L	75 - 125	155		49.7		100	105		P

metals
- 5a -
MATRIX SPIKE SUMMARY

client: Remington & Vernick Engineers **level:** low **sdg no.:** Q3569
contract: REMI02 **lab code:** ACE
matrix: Water **sample id:** Q3584-01 **client id:** SW-1MS
Percent Solids for Sample: NA **Spiked ID:** Q3584-01MS **Percent Solids for Spike Sample:** NA

Analyte	Units	Acceptance Limit %R	Spiked Result	C	Sample Result	C	Spike Added	% Recovery	Qual	M
Mercury	ug/L	82 - 119	3.59		0.20	U	4.0	90		CV

metals
- 5a -
MATRIX SPIKE DUPLICATE SUMMARY

client:	<u>Remington & Vernick Engineers</u>	level:	<u>low</u>	sdg no.:	<u>Q3569</u>
contract:	<u>REMI02</u>			lab code:	<u>ACE</u>
matrix:	<u>Water</u>	sample id:	<u>Q3584-01</u>	client id:	<u>SW-1MSD</u>
Percent Solids for Sample:	NA	Spiked ID:	Q3584-01MSD	Percent Solids for Spike Sample:	NA

Analyte	Units	Acceptance Limit %R	MSD Result	C	Sample Result	C	Spike Added	% Recovery	Qual	M
Mercury	ug/L	82 - 119	3.26		0.20	U	4.0	82	N	CV

Metals
- 5b -
POST DIGEST SPIKE SUMMARY

Client: Remington & Vernick Engineers **SDG No.:** Q3569
Contract: REMI02 **Lab Code:** ACE
Matrix: Water **Level:** LOW **Client ID:** WATER-TREATMENT DISCHARGE A
Sample ID: Q3566-01 **Spiked ID:** Q3566-01A

Analyte	Units	Acceptance Limit %R	Spiked Result	C	Sample Result	C	Spike Added	% Recovery	Qual	M
Chromium	ug/L	75 - 125	360		160		200	100		P
Iron	ug/L	75 - 125	1680		55.0		1500	108		P

Metals
- 5b -
POST DIGEST SPIKE SUMMARY

Client: Remington & Vernick Engineers **SDG No.:** Q3569
Contract: REMI02 **Lab Code:** ACE
Matrix: Water **Level:** LOW **Client ID:** SW-1A
Sample ID: Q3584-01 **Spiked ID:** Q3584-01A

Analyte	Units	Acceptance Limit %R	Spiked Result	C	Sample Result	C	Spike Added	% Recovery	Qual	M
Mercury	ug/L	82 - 119	4.72		0.20	U	4.00	118		CV

Metals

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DUPLICATE SAMPLE SUMMARY

Client: Remington & Vernick Engineers **Level:** LOW **SDG No.:** Q3569
Contract: REMI02 **Lab Code:** ACE
Matrix: Water **Sample ID:** Q3566-01 **Client ID:** WATER-TREATMENT DISCHARGEDU
Percent Solids for Sample: NA **Duplicate ID** Q3566-01DUP **Percent Solids for Spike Sample:** NA

Analyte	Units	Acceptance Limit	Sample Result	C	Duplicate Result	C	RPD	Qual	M
Aluminum	ug/L	20	3850		3780		2		P
Antimony	ug/L	20	25.0	U	25.0	U			P
Arsenic	ug/L	20	10.0	U	10.0	U			P
Barium	ug/L	20	50.0	U	50.0	U			P
Beryllium	ug/L	20	3.00	U	3.00	U			P
Cadmium	ug/L	20	3.00	U	3.00	U			P
Calcium	ug/L	20	12700		12300		3		P
Chromium	ug/L	20	160		156		3		P
Cobalt	ug/L	20	15.0	U	15.0	U			P
Copper	ug/L	20	6.36	J	5.81	J	9		P
Iron	ug/L	20	55.0		53.3		3		P
Lead	ug/L	20	6.00	U	6.00	U			P
Magnesium	ug/L	20	3240		3100		4		P
Manganese	ug/L	20	9.92	J	9.34	J	6		P
Nickel	ug/L	20	6.37	J	5.95	J	7		P
Potassium	ug/L	20	135000		134000		1		P
Selenium	ug/L	20	10.0	U	10.0	U			P
Silver	ug/L	20	5.00	U	5.00	U			P
Sodium	ug/L	20	703000		692000		2		P
Thallium	ug/L	20	20.0	U	20.0	U			P
Vanadium	ug/L	20	20.0	U	20.0	U			P
Zinc	ug/L	20	49.7		48.8		2		P

Metals

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DUPLICATE SAMPLE SUMMARY

Client: Remington & Vernick Engineers **Level:** LOW **SDG No.:** Q3569
Contract: REMI02 **Lab Code:** ACE
Matrix: Water **Sample ID:** Q3566-01MS **Client ID:** WATER-TREATMENT DISCHARGEMS
Percent Solids for Sample: NA **Duplicate ID** Q3566-01MSD **Percent Solids for Spike Sample:** NA

Analyte	Units	Acceptance Limit	Sample Result	C	Duplicate Result	C	RPD	Qual	M
Aluminum	ug/L	20	4990		4680		6		P
Antimony	ug/L	20	405		363		11		P
Arsenic	ug/L	20	420		410		2		P
Barium	ug/L	20	108		103		5		P
Beryllium	ug/L	20	100		96.7		3		P
Cadmium	ug/L	20	108		104		4		P
Calcium	ug/L	20	13600		12800		6		P
Chromium	ug/L	20	377		422		11		P
Cobalt	ug/L	20	110		105		5		P
Copper	ug/L	20	159		154		3		P
Iron	ug/L	20	1730		1950		12		P
Lead	ug/L	20	509		495		3		P
Magnesium	ug/L	20	4290		4080		5		P
Manganese	ug/L	20	112		108		4		P
Nickel	ug/L	20	277		273		1		P
Potassium	ug/L	20	146000		138000		6		P
Selenium	ug/L	20	1020		992		3		P
Silver	ug/L	20	35.6		35.4		1		P
Sodium	ug/L	20	732000		684000		7		P
Thallium	ug/L	20	930		856		8		P
Vanadium	ug/L	20	154		149		3		P
Zinc	ug/L	20	160		155		3		P

Metals

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DUPLICATE SAMPLE SUMMARY

Client:	<u>Remington & Vernick Engineers</u>	Level:	<u>LOW</u>	SDG No.:	<u>Q3569</u>
Contract:	<u>REMI02</u>			Lab Code:	<u>ACE</u>
Matrix:	<u>Water</u>	Sample ID:	<u>Q3584-01</u>	Client ID:	<u>SW-1DUP</u>
Percent Solids for Sample:	NA	Duplicate ID	Q3584-01DUP	Percent Solids for Spike Sample:	NA

Analyte	Units	Acceptance Limit	Sample Result	C	Duplicate Result	C	RPD	Qual	M
Mercury	ug/L	20	0.20	U	0.20	U			CV

Metals

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DUPLICATE SAMPLE SUMMARY

Client:	<u>Remington & Vernick Engineers</u>	Level:	<u>LOW</u>	SDG No.:	<u>Q3569</u>
Contract:	<u>REMI02</u>			Lab Code:	<u>ACE</u>
Matrix:	<u>Water</u>	Sample ID:	<u>Q3584-01MS</u>	Client ID:	<u>SW-1MSD</u>
Percent Solids for Sample:	NA	Duplicate ID	Q3584-01MSD	Percent Solids for Spike Sample:	NA

Analyte	Units	Acceptance Limit	Sample Result	C	Duplicate Result	C	RPD	Qual	M
Mercury	ug/L	20	3.59		3.26		10		CV

Metals

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LABORATORY CONTROL SAMPLE SUMMARY

Client: Remington & Vernick Engineers

SDG No.: Q3569

Contract: REMI02

Lab Code: ACE

Analyte	Units	True Value	Result	C	% Recovery	Acceptance Limits	M
PB170434BS							
Aluminum	ug/L	1000	1020		102	80 - 120	P
Antimony	ug/L	400	413		103	80 - 120	P
Arsenic	ug/L	400	402		100	80 - 120	P
Barium	ug/L	100	99.8		100	80 - 120	P
Beryllium	ug/L	100	109		109	80 - 120	P
Cadmium	ug/L	100	98.7		99	80 - 120	P
Calcium	ug/L	500	566	J	113	80 - 120	P
Chromium	ug/L	200	210		105	80 - 120	P
Cobalt	ug/L	100	100		100	80 - 120	P
Copper	ug/L	150	159		106	80 - 120	P
Iron	ug/L	1500	1500		100	80 - 120	P
Lead	ug/L	500	484		97	80 - 120	P
Magnesium	ug/L	1000	1070		107	80 - 120	P
Manganese	ug/L	100	104		104	80 - 120	P
Nickel	ug/L	250	253		101	80 - 120	P
Potassium	ug/L	5000	4960		99	80 - 120	P
Selenium	ug/L	1000	1050		105	80 - 120	P
Silver	ug/L	37.5	37.9		101	80 - 120	P
Sodium	ug/L	1500	1790		119	80 - 120	P
Thallium	ug/L	1000	1000		100	80 - 120	P
Vanadium	ug/L	150	154		103	80 - 120	P
Zinc	ug/L	100	107		107	80 - 120	P

Metals

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LABORATORY CONTROL SAMPLE SUMMARY

Client: Remington & Vernick Engineers

SDG No.: Q3569

Contract: REMI02

Lab Code: ACE

Analyte	Units	True Value	Result	C	% Recovery	Acceptance Limits	M
PB170468BS Mercury	ug/L	4.0	3.68		92	82 - 119	CV

Metals
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ICP SERIAL DILUTIONS

SAMPLE NO.

WATER-TREATMENT DISCHARGEL

Lab Name: Alliance Contract: REMI02
Lab Code: ACE Lb No.: lb137841 Lab Sample ID : Q3566-01L SDG No.: Q3569
Matrix (soil/water): Water Level (low/med): LOW
Concentration Units: ug/L

Analyte	Initial Sample Result (I)		Serial Dilution Result (S)		% Differ- ence	Q	M
		C		C			
Aluminum	3850		3890		1		P
Antimony	25.0	U	125	U			P
Arsenic	10.0	U	50.0	U			P
Barium	50.0	U	250	U			P
Beryllium	3.00	U	15.0	U			P
Cadmium	3.00	U	15.0	U			P
Calcium	12700		12800		1		P
Chromium	160		155		3		P
Cobalt	15.0	U	75.0	U			P
Copper	6.36	J	50.0	U	100.0		P
Iron	55.0		250	U	100.0		P
Lead	6.00	U	30.0	U			P
Magnesium	3240		3150	J	3		P
Manganese	9.92	J	50.0	U	100.0		P
Nickel	6.37	J	100	U	100.0		P
Potassium	135000		125000		8		P
Selenium	10.0	U	50.0	U			P
Silver	5.00	U	25.0	U			P
Sodium	703000		693000		2		P
Thallium	20.0	U	100	U			P
Vanadium	20.0	U	100	U			P
Zinc	49.7		49.7	J	0		P

Metals

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ICP SERIAL DILUTIONS

SAMPLE NO.

SW-1L

Lab Name: Alliance

Contract: REMI02

Lab Code: ACE

Lb No.: lb137835

Lab Sample ID : Q3584-01L

SDG No.: Q3569

Matrix (soil/water): Water

Level (low/med): LOW

Concentration Units: ug/L

Analyte	Initial Sample Result (I) C	Serial Dilution Result (S) C	% Differ- ence	Q	M
Mercury	0.20 U	1.00 U			CV



METAL PREPARATION & INSTRUMENT DATA

Metals

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ICP INTERELEMENT CORRECTION FACTORS

Client: Remington & Vernick Engineers

SDG No.: Q3569

Contract: REMI02

Lab Code: ACE

Instrument ID:

Date:

Interelement Correction Factors (apparent ppb analyte/ppm interferent)

Analyte	Wave- Length (nm)	ICP Interelement Correction Factors For:				
		Al	Ca	Fe	Mg	Ag
Aluminum	396.100	0.0000000	-0.0002060	0.0000000	0.0000000	0.0000000
Antimony	206.833	0.0000000	0.0000000	0.0000000	0.0000000	0.0000000
Arsenic	193.759	0.0000000	0.0000000	-0.0000440	0.0000000	0.0000000
Barium	493.409	0.0000000	0.0000000	0.0000000	0.0000000	0.0000000
Beryllium	234.861	0.0000000	0.0000000	0.0000000	0.0000000	0.0000000
Cadmium	226.502	0.0000000	0.0000000	0.0000930	0.0000000	0.0000000
Calcium	373.690	0.0000000	0.0000000	-0.0075970	0.0000000	0.0000000
Chromium	267.716	0.0000000	0.0000000	0.0000000	0.0000000	0.0000000
Cobalt	228.616	0.0000000	0.0000000	0.0000000	0.0000000	0.0000000
Copper	224.700	0.0000000	0.0000000	0.0007850	0.0000000	0.0000000
Iron	240.488	0.0000000	0.0000000	0.0000000	0.0000000	0.0000000
Lead	220.353	-0.0000920	0.0000000	0.0000380	0.0000000	0.0000000
Magnesium	279.079	0.0000000	0.0000000	0.0000000	0.0000000	0.0000000
Manganese	257.610	0.0000000	0.0000000	0.0000000	0.0000000	0.0000000
Nickel	231.604	0.0000000	0.0000000	0.0000000	0.0000000	0.0000000
Potassium	766.490	0.0000000	0.0000000	0.0000000	0.0000000	0.0000000
Selenium	196.090	0.0000000	0.0000000	-0.0001440	0.0000000	0.0000000
Silver	328.068	0.0000000	0.0000000	-0.0001490	0.0000000	0.0000000
Sodium	589.592	0.0000000	0.0000000	0.0000000	0.0000000	0.0000000
Thallium	190.856	0.0000000	0.0000000	0.0000000	0.0000000	0.0000000
Vanadium	292.402	0.0000000	0.0000000	0.0000000	0.0000000	0.0000000
Zinc	213.800	0.0000000	0.0000000	0.0001050	0.0000000	0.0000000

Metals

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ICP INTERELEMENT CORRECTION FACTORS

Client: Remington & Vernick Engineers

SDG No.: Q3569

Contract: REMI02

Lab Code: ACE

Instrument ID:

Date:

Interelement Correction Factors (apparent ppb analyte/ppm interferent)

Analyte	Wave- Length (nm)	ICP Interelement Correction Factors For:				
		As	Ba	Be	Cd	Co
Aluminum	396.100	0.0000000	0.0000000	0.0000000	0.0000000	0.0000000
Antimony	206.833	0.0000000	0.0000000	0.0000000	0.0000000	0.0000000
Arsenic	193.759	0.0000000	0.0000000	0.0000000	0.0000000	0.0000000
Barium	493.409	0.0000000	0.0000000	0.0000000	0.0000000	0.0000000
Beryllium	234.861	0.0000000	0.0000000	0.0000000	0.0000000	0.0000000
Cadmium	226.502	0.0000000	0.0000000	0.0000000	0.0000000	0.0002870
Calcium	373.690	0.0000000	0.0000000	0.0000000	0.0000000	0.0000000
Chromium	267.716	0.0000000	0.0000000	0.0000000	0.0000000	0.0000000
Cobalt	228.616	0.0000000	0.0000000	0.0000000	0.0000000	0.0000000
Copper	224.700	0.0000000	0.0000000	0.0000000	0.0000000	0.0009530
Iron	240.488	0.0000000	0.0000000	0.0000000	0.0000000	-0.0039600
Lead	220.353	0.0000000	0.0003170	0.0000000	0.0000000	0.0000000
Magnesium	279.079	0.0000000	0.0000000	0.0000000	0.0000000	0.0000000
Manganese	257.610	0.0000000	0.0000000	0.0000000	0.0000000	0.0000000
Nickel	231.604	0.0000000	0.0000000	0.0000000	0.0000000	0.0000000
Potassium	766.490	0.0000000	0.0000000	0.0000000	0.0000000	0.0000000
Selenium	196.090	0.0000000	0.0000000	0.0000000	0.0000000	-0.0003570
Silver	328.068	0.0000000	0.0000000	0.0000000	0.0000000	0.0000000
Sodium	589.592	0.0000000	0.0000000	0.0000000	0.0000000	0.0000000
Thallium	190.856	0.0000000	0.0000000	0.0000000	0.0000000	0.0054900
Vanadium	292.402	0.0000000	0.0000000	0.0000000	0.0000000	0.0000000
Zinc	213.800	0.0000000	0.0000000	0.0000000	0.0000000	0.0000000

Metals

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ICP INTERELEMENT CORRECTION FACTORS

Client: Remington & Vernick Engineers

SDG No.: Q3569

Contract: REMI02

Lab Code: ACE

Instrument ID:

Date:

Interelement Correction Factors (apparent ppb analyte/ppm interferent)

Analyte	Wave- Length (nm)	ICP Interelement Correction Factors For:				
		Cr	Cu	K	Mn	Mo
Aluminum	396.100	0.0000000	0.0000000	0.0000590	0.0000000	0.0396900
Antimony	206.833	0.0122000	0.0000000	0.0000000	0.0000000	0.0000000
Arsenic	193.759	-0.0029000	0.0000000	0.0000000	0.0000000	0.0004900
Barium	493.409	0.0000000	0.0000000	0.0000000	0.0000000	0.0000000
Beryllium	234.861	0.0000000	0.0000000	0.0000000	-0.0000710	-0.0003400
Cadmium	226.502	0.0000000	0.0000000	0.0000000	0.0000000	0.0000000
Calcium	373.690	0.0000000	0.0000000	0.0000000	0.0000000	0.0000000
Chromium	267.716	0.0000000	0.0000000	0.0000070	0.0002200	0.0000000
Cobalt	228.616	0.0000000	0.0000000	0.0000000	0.0000000	-0.0007860
Copper	224.700	0.0000000	0.0000000	0.0000000	0.0006510	0.0020500
Iron	240.488	0.0000000	0.0000000	0.0000730	0.0000000	-0.0015250
Lead	220.353	0.0000000	0.0000000	0.0000000	0.0001400	-0.0008600
Magnesium	279.079	0.0000000	0.0000000	0.0000000	0.0000000	0.0000000
Manganese	257.610	0.0000000	0.0000000	0.0000000	0.0000000	0.0000000
Nickel	231.604	0.0000000	0.0000000	0.0000000	0.0000000	0.0000000
Potassium	766.490	0.0000000	0.0000000	0.0000000	0.0000000	0.0000000
Selenium	196.090	0.0000000	0.0000000	0.0000000	0.0007460	0.0000000
Silver	328.068	0.0000000	0.0000000	0.0000000	0.0000000	-0.0000120
Sodium	589.592	0.0000000	0.0000000	0.0000000	0.0000000	0.0000000
Thallium	190.856	0.0000000	0.0000000	0.0000000	0.0017400	-0.0100400
Vanadium	292.402	-0.0025100	0.0000000	0.0000000	0.0000000	-0.0072000
Zinc	213.800	0.0000000	0.0009010	0.0000000	0.0000000	0.0000000

Metals

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ICP INTERELEMENT CORRECTION FACTORS

Client: Remington & Vernick Engineers

SDG No.: Q3569

Contract: REMI02

Lab Code: ACE

Instrument ID:

Date:

Interelement Correction Factors (apparent ppb analyte/ppm interferent)

Analyte	Wave- Length (nm)	ICP Interelement Correction Factors For:				
		Na	Ni	Pb	Sb	Se
Aluminum	396.100	0.0000000	0.0000000	0.0012800	0.0000000	0.0000000
Antimony	206.833	0.0000000	0.0000000	0.0000000	0.0000000	0.0000000
Arsenic	193.759	0.0000000	0.0000000	0.0000000	0.0000000	0.0000000
Barium	493.409	0.0000000	0.0000000	0.0000000	0.0000000	0.0000000
Beryllium	234.861	0.0000000	0.0000000	0.0000000	0.0000000	0.0000000
Cadmium	226.502	0.0000000	0.0000000	0.0000000	0.0000000	0.0000000
Calcium	373.690	0.0000000	0.0000000	0.0000000	0.0000000	0.0000000
Chromium	267.716	0.0000000	0.0000000	0.0000000	0.0000000	0.0000000
Cobalt	228.616	0.0000000	0.0000000	0.0000000	0.0000000	0.0000000
Copper	224.700	0.0000000	-0.0047000	0.0036100	0.0000000	0.0000000
Iron	240.488	0.0000000	-0.0017000	0.0000000	0.0000000	0.0000000
Lead	220.353	0.0000000	0.0006580	0.0000000	0.0000000	0.0001290
Magnesium	279.079	0.0000000	0.0000000	0.0000000	0.0000000	0.0000000
Manganese	257.610	0.0000000	0.0000000	0.0000000	0.0000000	0.0000000
Nickel	231.604	0.0000000	0.0000000	0.0000000	0.0000000	0.0000000
Potassium	766.490	0.0000000	0.0000000	0.0000000	0.0000000	0.0000000
Selenium	196.090	0.0000000	0.0000000	0.0003330	0.0000000	0.0000000
Silver	328.068	0.0000000	0.0000000	0.0000000	0.0000000	0.0000000
Sodium	589.592	0.0000000	0.0000000	0.0000000	0.0000000	0.0000000
Thallium	190.856	0.0000000	0.0000000	0.0000000	0.0000000	0.0000000
Vanadium	292.402	0.0000000	0.0000000	0.0000000	0.0000000	0.0000000
Zinc	213.800	0.0000000	0.0067600	0.0000000	0.0000000	0.0000000

Metals

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ICP INTERELEMENT CORRECTION FACTORS

Client: Remington & Vernick Engineers

SDG No.: Q3569

Contract: REMI02

Lab Code: ACE

Instrument ID:

Date:

Interelement Correction Factors (apparent ppb analyte/ppm interferent)

Analyte	Wave- Length (nm)	ICP Interelement Correction Factors For:				
		Sn	Ti	Tl	V	Zn
Aluminum	396.100	0.0000000	0.0000000	0.0000000	0.0000000	0.0000000
Antimony	206.833	-0.0035600	-0.0007970	0.0000000	-0.0018900	0.0000000
Arsenic	193.759	0.0000000	0.0000000	0.0000000	0.0000000	0.0000000
Barium	493.409	0.0000000	0.0000000	0.0000000	0.0000000	0.0000000
Beryllium	234.861	0.0000000	0.0000000	0.0000000	0.0000000	0.0000000
Cadmium	226.502	0.0000000	0.0000630	0.0001280	0.0000000	0.0000000
Calcium	373.690	0.0000000	0.0000000	0.0000000	0.0000000	0.0000000
Chromium	267.716	0.0000000	0.0000000	0.0000000	0.0001110	0.0000000
Cobalt	228.616	0.0000000	0.0018800	0.0000000	0.0000000	0.0000000
Copper	224.700	0.0000000	0.0003840	0.0000000	0.0000000	0.0000000
Iron	240.488	0.0000000	0.0000000	0.0000000	0.0000000	0.0000000
Lead	220.353	0.0000000	-0.0003610	0.0000000	0.0000000	0.0000000
Magnesium	279.079	0.0000000	0.0000000	0.0000000	0.0000000	0.0000000
Manganese	257.610	0.0000000	0.0000000	0.0000000	0.0000000	0.0000000
Nickel	231.604	0.0000000	0.0000000	0.0000000	0.0000000	0.0000000
Potassium	766.490	0.0000000	0.0000000	0.0000000	0.0000000	0.0000000
Selenium	196.090	0.0000000	0.0000000	0.0000000	0.0000000	0.0000000
Silver	328.068	0.0000000	-0.0007420	0.0000000	0.0000000	0.0000000
Sodium	589.592	0.0000000	0.0000000	0.0000000	0.0000000	0.0000000
Thallium	190.856	0.0000000	-0.0039700	0.0000000	-0.0115600	0.0000000
Vanadium	292.402	0.0000000	0.0005320	0.0000000	0.0000000	0.0000000
Zinc	213.800	0.0000000	0.0000000	0.0000000	0.0000000	0.0000000



METAL PREPARATION & ANALYICAL SUMMARY

Metals

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SAMPLE PREPARATION SUMMARY

Client: Remington & Vernick Engineers

SDG No.: Q3569

Contract: REMI02

Lab Code: ACE

Method: _____

Sample ID	Client ID	Sample Type	Matrix	Prep Date	Initial Sample Size(mL)	Final Sample Volume (mL)	Percent Solids
Batch Number: PB170434							
PB170434BL	PB170434BL	MB	WATER	11/07/2025	50.0	25.0	
PB170434BS	PB170434BS	LCS	WATER	11/07/2025	50.0	25.0	
Q3566-01DUP	WATER-TREATMENT DISCHARGEDUP	DUP	WATER	11/07/2025	50.0	25.0	
Q3566-01MS	WATER-TREATMENT DISCHARGEMS	MS	WATER	11/07/2025	50.0	25.0	
Q3566-01MSD	WATER-TREATMENT DISCHARGEMSD	MSD	WATER	11/07/2025	50.0	25.0	
Q3569-01	MW-2	SAM	WATER	11/07/2025	50.0	25.0	
Q3569-02	MW-12	SAM	WATER	11/07/2025	50.0	25.0	

Metals

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SAMPLE PREPARATION SUMMARY

Client: Remington & Vernick Engineers

SDG No.: Q3569

Contract: REMI02

Lab Code: ACE

Method: _____

Sample ID	Client ID	Sample Type	Matrix	Prep Date	Initial Sample Size(mL)	Final Sample Volume (mL)	Percent Solids
Batch Number: PB170468							
PB170468BL	PB170468BL	MB	WATER	11/10/2025	30.0	30.0	
PB170468BS	PB170468BS	LCS	WATER	11/10/2025	30.0	30.0	
Q3569-01	MW-2	SAM	WATER	11/10/2025	30.0	30.0	
Q3569-02	MW-12	SAM	WATER	11/10/2025	30.0	30.0	
Q3584-01DUP	SW-1DUP	DUP	WATER	11/10/2025	30.0	30.0	
Q3584-01MS	SW-1MS	MS	WATER	11/10/2025	30.0	30.0	
Q3584-01MSD	SW-1MSD	MSD	WATER	11/10/2025	30.0	30.0	

metals
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ANALYSIS RUN LOG

Client: Remington & Vernick Engineers

Contract: REMI02

Lab code: ACE

Sdg no.: Q3569

Instrument id number: _____ **Method:** _____

Run number: LB137835

Start date: 11/10/2025 **End date:** 11/11/2025

Lab sample id.	Client Sample Id	d/f	Time	Parameter list
S0	S0	1	1408	HG
S0.2	S0.2	1	1411	HG
S2.5	S2.5	1	1413	HG
S5	S5	1	1415	HG
S7.5	S7.5	1	1417	HG
S10	S10	1	1427	HG
ICV108	ICV108	1	1429	HG
ICB108	ICB108	1	1432	HG
CCV53	CCV53	1	1434	HG
CCB53	CCB53	1	1436	HG
CRA	CRA	1	1439	HG
PB170468BL	PB170468BL	1	1445	HG
PB170468BS	PB170468BS	1	1448	HG
Q3569-01	MW-2	1	1452	HG
Q3569-02	MW-12	1	1455	HG
CCV54	CCV54	1	1501	HG
CCB54	CCB54	1	1504	HG
Q3584-01DUP	SW-1DUP	1	1506	HG
Q3584-01MS	SW-1MS	1	1508	HG
Q3584-01MSD	SW-1MSD	1	1510	HG
Q3584-01L	SW-1L	5	0759	HG
Q3584-01A	SW-1A	1	0822	HG
CCV55	CCV55	1	0836	HG
CCB55	CCB55	1	0838	HG

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ANALYSIS RUN LOG

Client: Remington & Vernick Engineers

Contract: REMI02

Lab code: ACE

Sdg no.: Q3569

Instrument id number:

Method:

Run number: LB137841

Start date: 11/10/2025

End date: 11/10/2025

Lab sample id.	Client Sample Id	d/f	Time	Parameter list
S0	S0	1	1120	Ag,Al,As,Ba,Be,Ca,Cd,Co,Cr,Cu,Fe,K,Mg,Mn,Na,Ni,Pb,Sb,Se,Tl,V,Zn
S1	S1	1	1124	Ag,Al,As,Ba,Be,Ca,Cd,Co,Cr,Cu,Fe,K,Mg,Mn,Na,Ni,Pb,Sb,Se,Tl,V,Zn
S2	S2	1	1128	Ag,Al,As,Ba,Be,Ca,Cd,Co,Cr,Cu,Fe,K,Mg,Mn,Na,Ni,Pb,Sb,Se,Tl,V,Zn
S3	S3	1	1132	Ag,Al,As,Ba,Be,Ca,Cd,Co,Cr,Cu,Fe,K,Mg,Mn,Na,Ni,Pb,Sb,Se,Tl,V,Zn
S4	S4	1	1137	Ag,Al,As,Ba,Be,Ca,Cd,Co,Cr,Cu,Fe,K,Mg,Mn,Na,Ni,Pb,Sb,Se,Tl,V,Zn
S5	S5	1	1141	Ag,Al,As,Ba,Be,Ca,Cd,Co,Cr,Cu,Fe,K,Mg,Mn,Na,Ni,Pb,Sb,Se,Tl,V,Zn
ICV01	ICV01	1	1145	Ag,Al,As,Ba,Be,Ca,Cd,Co,Cr,Cu,Fe,K,Mg,Mn,Na,Ni,Pb,Sb,Se,Tl,V,Zn
LLICV01	LLICV01	1	1157	Ag,Al,As,Ba,Be,Ca,Cd,Co,Cr,Cu,Fe,K,Mg,Mn,Na,Ni,Pb,Sb,Se,Tl,V,Zn
ICB01	ICB01	1	1211	Ag,Al,As,Ba,Be,Ca,Cd,Co,Cr,Cu,Fe,K,Mg,Mn,Na,Ni,Pb,Sb,Se,Tl,V,Zn
CRI01	CRI01	1	1216	Ag,Al,As,Ba,Be,Ca,Cd,Co,Cr,Cu,Fe,K,Mg,Mn,Na,Ni,Pb,Sb,Se,Tl,V,Zn
ICSA01	ICSA01	1	1221	Ag,Al,As,Ba,Be,Ca,Cd,Co,Cr,Cu,Fe,K,Mg,Mn,Na,Ni,Pb,Sb,Se,Tl,V,Zn
ICSAB01	ICSAB01	1	1226	Ag,Al,As,Ba,Be,Ca,Cd,Co,Cr,Cu,Fe,K,Mg,Mn,Na,Ni,Pb,Sb,Se,Tl,V,Zn
CCV01	CCV01	1	1238	Ag,Al,As,Ba,Be,Ca,Cd,Co,Cr,Cu,Fe,K,Mg,Mn,Na,Ni,Pb,Sb,Se,Tl,V,Zn
CCB01	CCB01	1	1242	Ag,Al,As,Ba,Be,Ca,Cd,Co,Cr,Cu,Fe,K,Mg,Mn,Na,Ni,Pb,Sb,Se,Tl,V,Zn
CCV02	CCV02	1	1328	Ag,Al,As,Ba,Be,Ca,Cd,Co,Cr,Cu,Fe,K,Mg,Mn,Na,Ni,Pb,Sb,Se,Tl,V,Zn
CCB02	CCB02	1	1354	Ag,Al,As,Ba,Be,Ca,Cd,Co,Cr,Cu,Fe,K,Mg,Mn,Na,Ni,Pb,Sb,Se,Tl,V,Zn
CCV03	CCV03	1	1446	Ag,Al,As,Ba,Be,Ca,Cd,Co,Cr,Cu,Fe,K,Mg,Mn,Na,Ni,Pb,Sb,Se,Tl,V,Zn
CCB03	CCB03	1	1450	Ag,Al,As,Ba,Be,Ca,Cd,Co,Cr,Cu,Fe,K,Mg,Mn,Na,Ni,Pb,Sb,Se,Tl,V,Zn
PB170434BL	PB170434BL	1	1522	Ag,Al,As,Ba,Be,Ca,Cd,Co,Cr,Cu,Fe,K,Mg,Mn,Na,Ni,Pb,Sb,Se,Tl,V,Zn
PB170434BS	PB170434BS	1	1527	Ag,Al,As,Ba,Be,Ca,Cd,Co,Cr,Cu,Fe,K,Mg,Mn,Na,Ni,Pb,Sb,Se,Tl,V,Zn
CCV04	CCV04	1	1544	Ag,Al,As,Ba,Be,Ca,Cd,Co,Cr,Cu,Fe,K,Mg,Mn,Na,Ni,Pb,Sb,Se,Tl,V,Zn
CCB04	CCB04	1	1547	Ag,Al,As,Ba,Be,Ca,Cd,Co,Cr,Cu,Fe,K,Mg,Mn,Na,Ni,Pb,Sb,Se,Tl,V,Zn
Q3566-01DUP	WATER-TREATMENT DISCH#	1	1626	Ag,Al,As,Ba,Be,Ca,Cd,Co,Cr,Cu,Fe,K,Mg,Mn,Na,Ni,Pb,Sb,Se,Tl,V,Zn
Q3566-01L	WATER-TREATMENT DISCH#	5	1630	Ag,Al,As,Ba,Be,Ca,Cd,Co,Cr,Cu,Fe,K,Mg,Mn,Na,Ni,Pb,Sb,Se,Tl,V,Zn
CCV05	CCV05	1	1635	Ag,Al,As,Ba,Be,Ca,Cd,Co,Cr,Cu,Fe,K,Mg,Mn,Na,Ni,Pb,Sb,Se,Tl,V,Zn
CCB05	CCB05	1	1638	Ag,Al,As,Ba,Be,Ca,Cd,Co,Cr,Cu,Fe,K,Mg,Mn,Na,Ni,Pb,Sb,Se,Tl,V,Zn
Q3566-01MS	WATER-TREATMENT DISCH#	1	1643	Ag,Al,As,Ba,Be,Ca,Cd,Co,Cr,Cu,Fe,K,Mg,Mn,Na,Ni,Pb,Sb,Se,Tl,V,Zn
Q3566-01MSD	WATER-TREATMENT DISCH#	1	1647	Ag,Al,As,Ba,Be,Ca,Cd,Co,Cr,Cu,Fe,K,Mg,Mn,Na,Ni,Pb,Sb,Se,Tl,V,Zn
Q3566-01A	WATER-TREATMENT DISCH#	1	1651	Cr,Fe
Q3569-01	MW-2	1	1655	Ag,Al,As,Ba,Be,Ca,Cd,Co,Cr,Cu,Fe,K,Mg,Mn,Na,Ni,Pb,Sb,Se,Tl,V,Zn
Q3569-02	MW-12	1	1659	Ag,Al,As,Ba,Be,Ca,Cd,Co,Cr,Cu,Fe,K,Mg,Mn,Na,Ni,Pb,Sb,Se,Tl,V,Zn
CCV06	CCV06	1	1727	Ag,Al,As,Ba,Be,Ca,Cd,Co,Cr,Cu,Fe,K,Mg,Mn,Na,Ni,Pb,Sb,Se,Tl,V,Zn
CCB06	CCB06	1	1731	Ag,Al,As,Ba,Be,Ca,Cd,Co,Cr,Cu,Fe,K,Mg,Mn,Na,Ni,Pb,Sb,Se,Tl,V,Zn
CCV07	CCV07	1	1914	Ag,Al,As,Ba,Be,Ca,Cd,Co,Cr,Cu,Fe,K,Mg,Mn,Na,Ni,Pb,Sb,Se,Tl,V,Zn
CCB07	CCB07	1	1918	Ag,Al,As,Ba,Be,Ca,Cd,Co,Cr,Cu,Fe,K,Mg,Mn,Na,Ni,Pb,Sb,Se,Tl,V,Zn
CCV08	CCV08	1	2011	Ag,Al,As,Ba,Be,Ca,Cd,Co,Cr,Cu,Fe,K,Mg,Mn,Na,Ni,Pb,Sb,Se,Tl,V,Zn
CCB08	CCB08	1	2026	Ag,Al,As,Ba,Be,Ca,Cd,Co,Cr,Cu,Fe,K,Mg,Mn,Na,Ni,Pb,Sb,Se,Tl,V,Zn
CCV09	CCV09	1	2131	Ag,Al,As,Ba,Be,Ca,Cd,Co,Cr,Cu,Fe,K,Mg,Mn,Na,Ni,Pb,Sb,Se,Tl,V,Zn
CCB09	CCB09	1	2141	Ag,Al,As,Ba,Be,Ca,Cd,Co,Cr,Cu,Fe,K,Mg,Mn,Na,Ni,Pb,Sb,Se,Tl,V,Zn
CCV10	CCV10	1	2229	Ag,Al,As,Ba,Be,Ca,Cd,Co,Cr,Cu,Fe,K,Mg,Mn,Na,Ni,Pb,Sb,Se,Tl,V,Zn
CCB10	CCB10	1	2247	Ag,Al,As,Ba,Be,Ca,Cd,Co,Cr,Cu,Fe,K,Mg,Mn,Na,Ni,Pb,Sb,Se,Tl,V,Zn

metals
- 14 -
ANALYSIS RUN LOG

Client: Remington & Vernick Engineers

Contract: REMI02

Lab code: ACE

Sdg no.: Q3569

Instrument id number:

Method:

Run number: LB137841

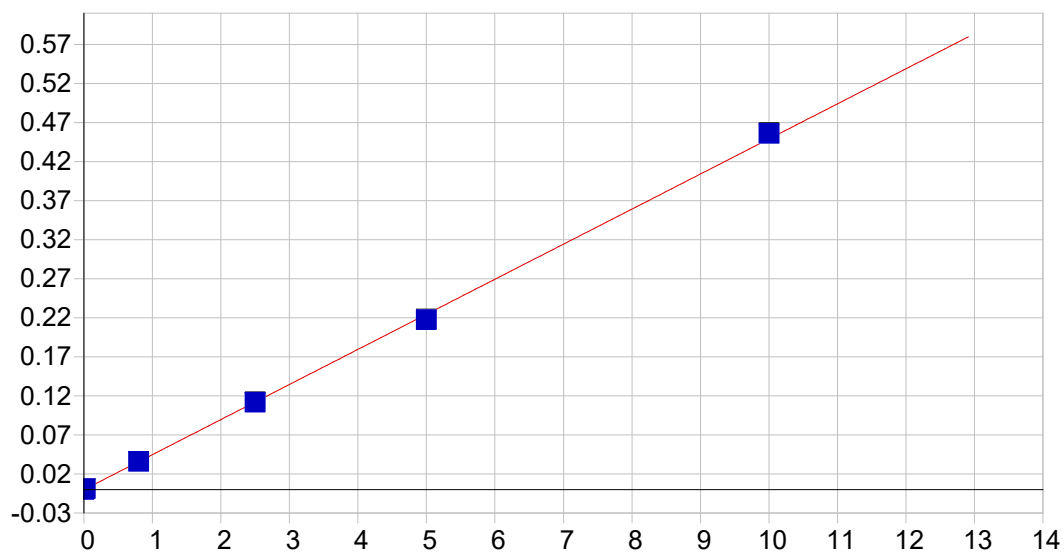
Start date: 11/10/2025

End date: 11/10/2025

Lab sample id.	Client Sample Id	d/f	Time	Parameter list
CCV11	CCV11	1	2330	Ag,Al,As,Ba,Be,Ca,Cd,Co,Cr,Cu,Fe,K,Mg,Mn,Na,Ni,Pb,Sb,Se,Tl,V,Zn
CCB11	CCB11	1	2334	Ag,Al,As,Ba,Be,Ca,Cd,Co,Cr,Cu,Fe,K,Mg,Mn,Na,Ni,Pb,Sb,Se,Tl,V,Zn



METAL RAW DATA

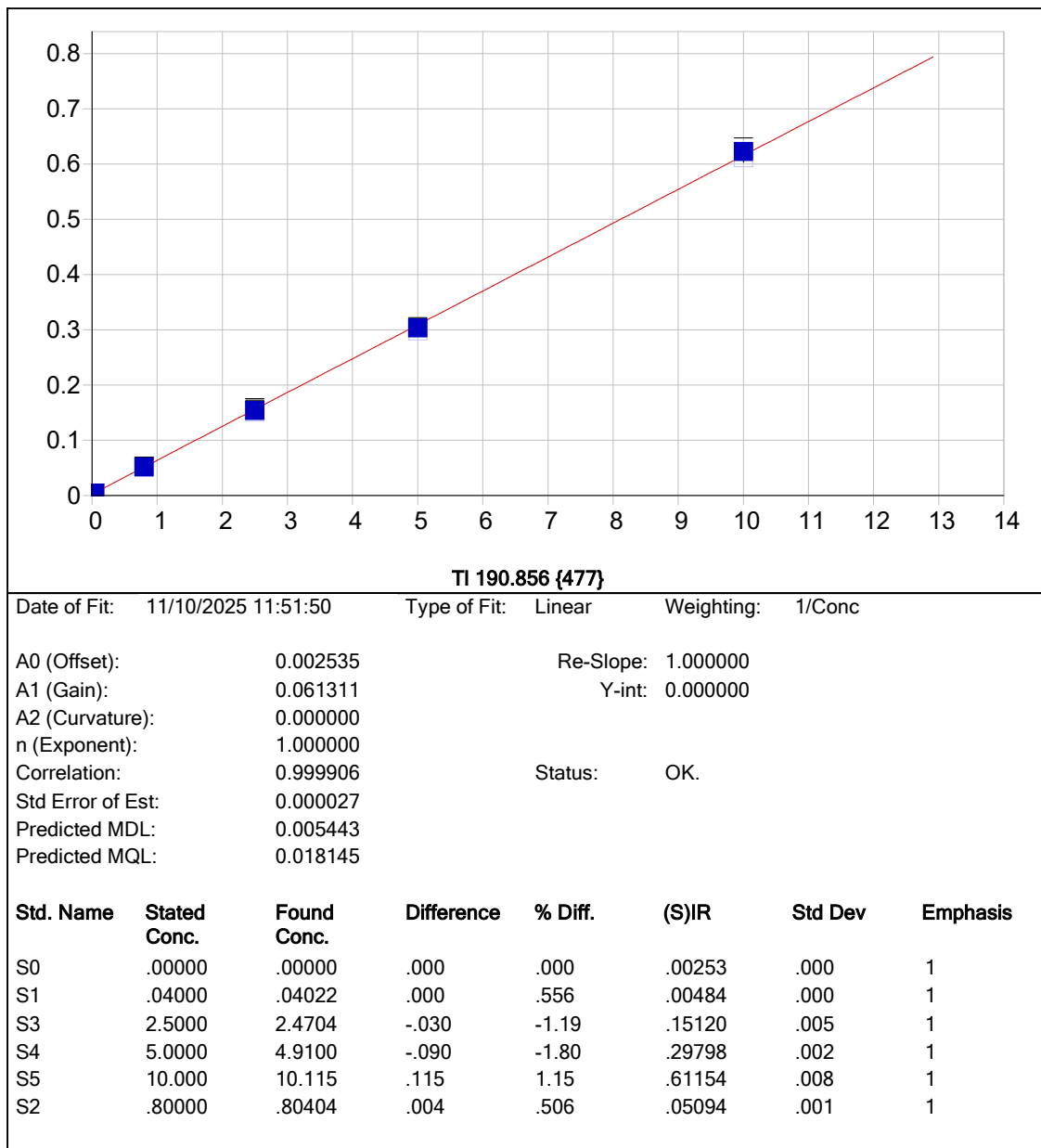


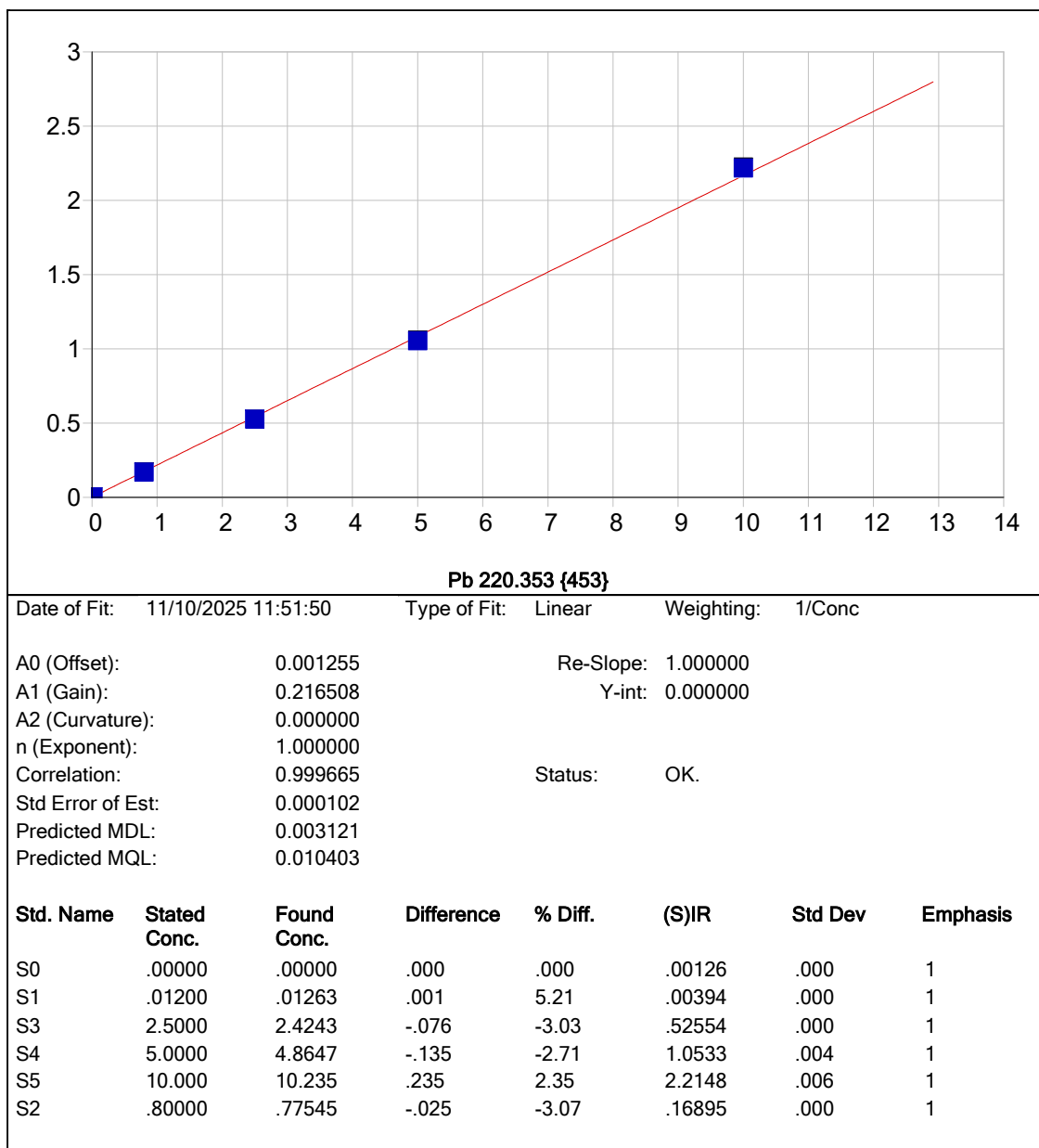
As 189.042 {479}

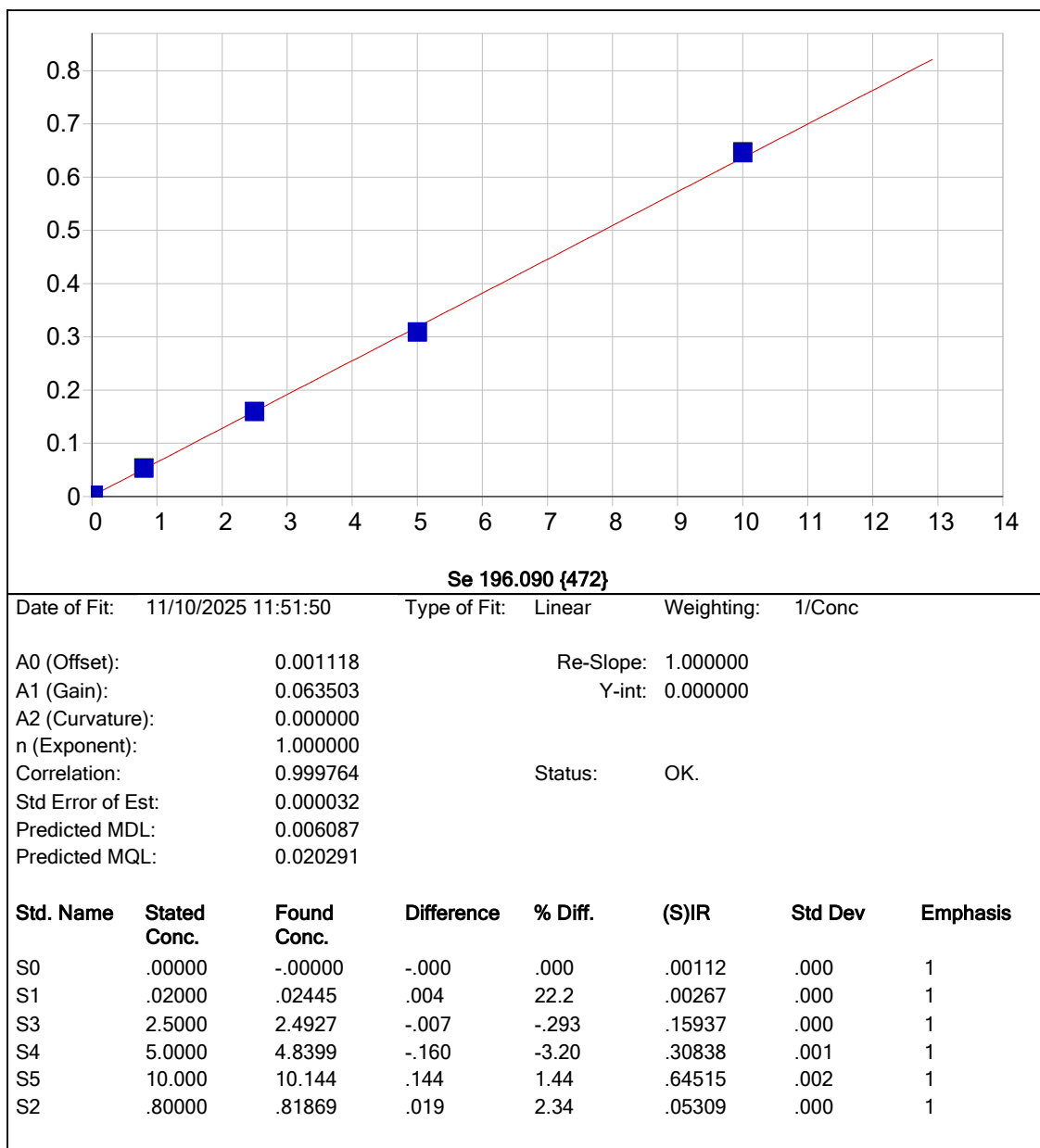
Date of Fit: 11/10/2025 11:51:50 Type of Fit: Linear Weighting: 1/Conc

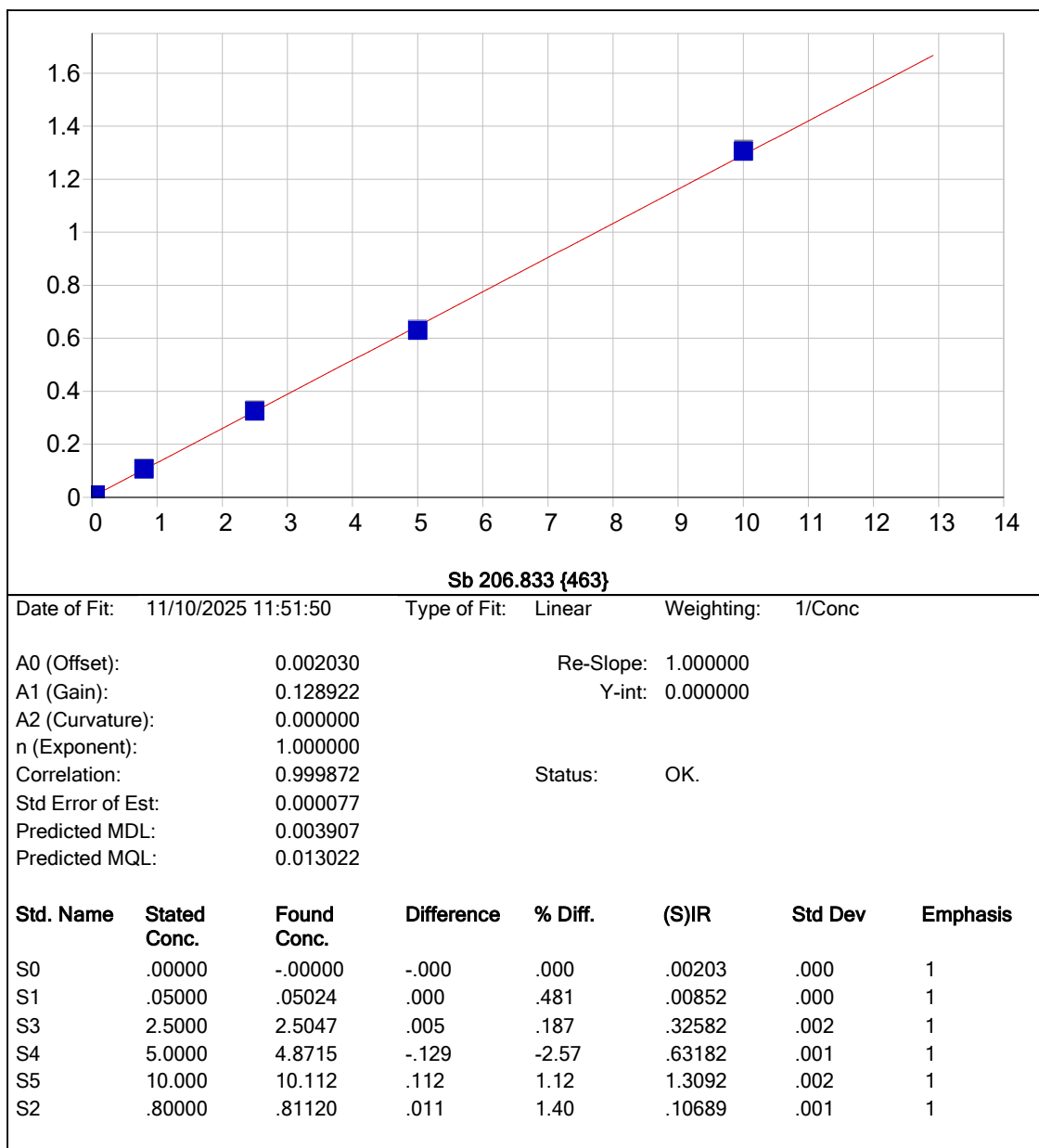
A0 (Offset): -0.000114 Re-Slope: 1.000000
A1 (Gain): 0.044908 Y-int: 0.000000
A2 (Curvature): 0.000000
n (Exponent): 1.000000
Correlation: 0.999759 Status: OK.
Std Error of Est: 0.000023
Predicted MDL: 0.006062
Predicted MQL: 0.020207

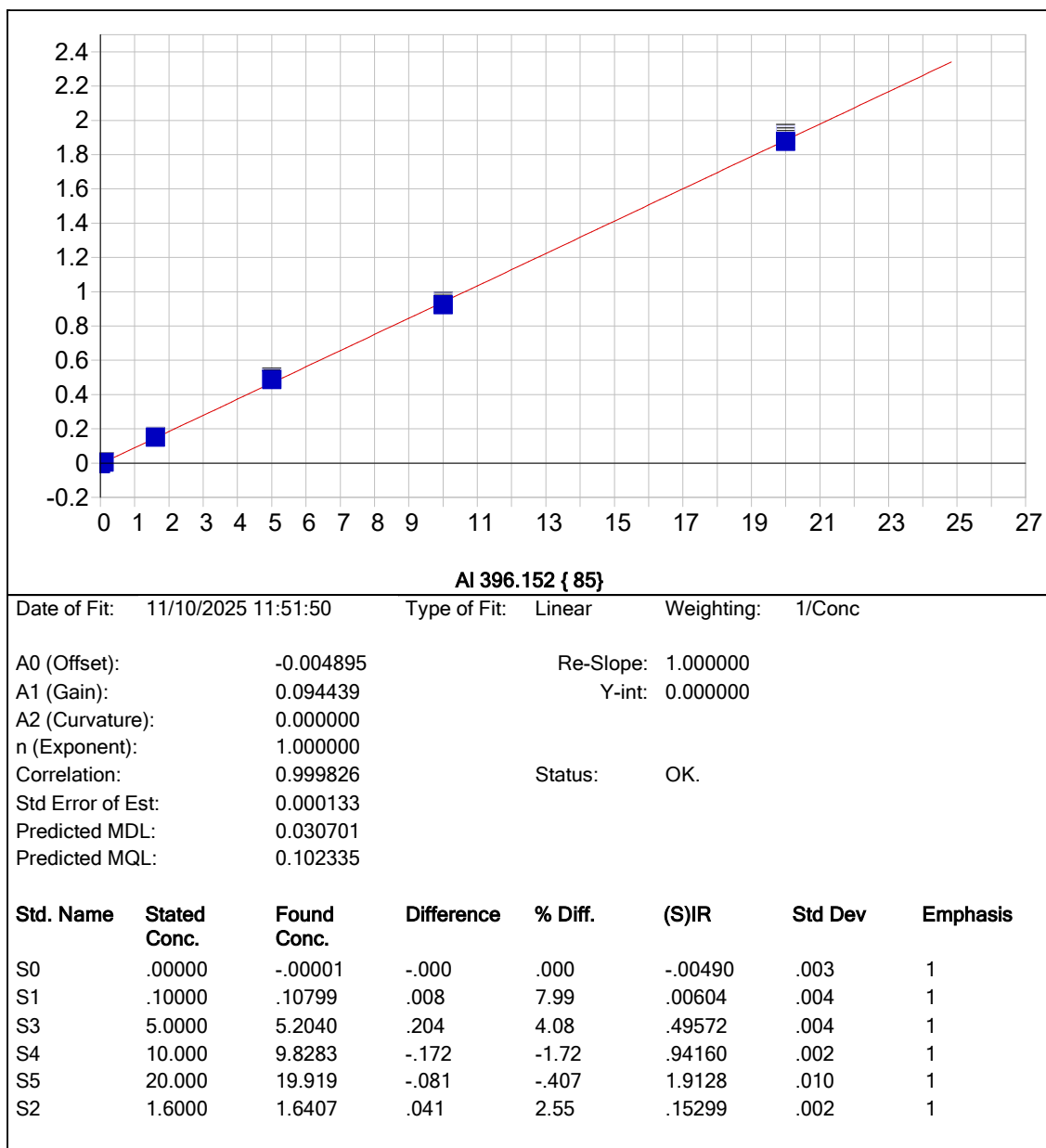
Std. Name	Stated Conc.	Found Conc.	Difference	% Diff.	(S)IR	Std Dev	Emphasis
S0	.00000	-.00001	-.000	.000	-.00011	.000	1
S1	.02000	.02594	.006	29.7	.00105	.000	1
S3	2.5000	2.4892	-.011	-.432	.11155	.000	1
S4	5.0000	4.8490	-.151	-3.02	.21741	.000	1
S5	10.000	10.157	.157	1.57	.45554	.001	1
S2	.80000	.79931	-.001	-.086	.03574	.000	1

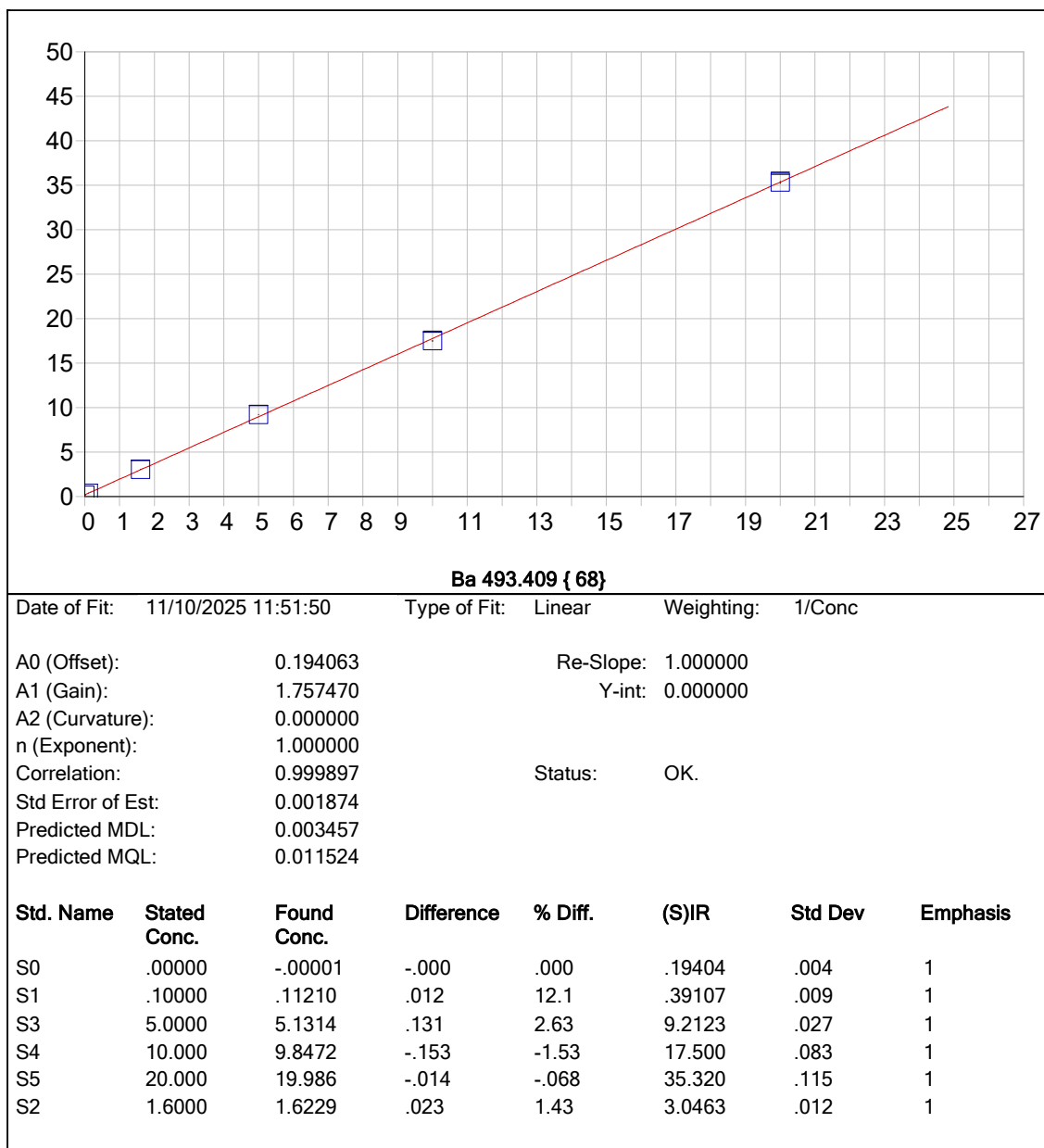


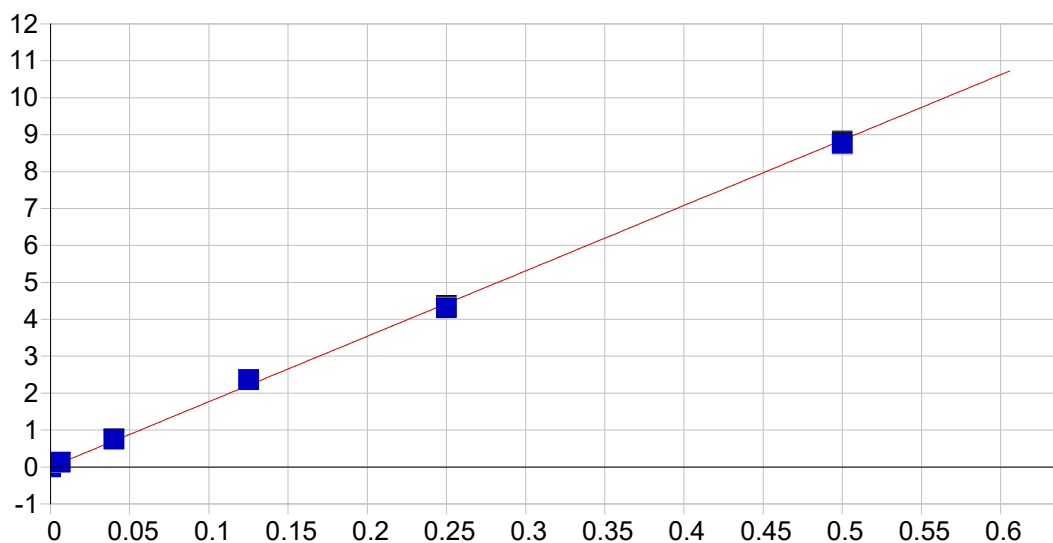










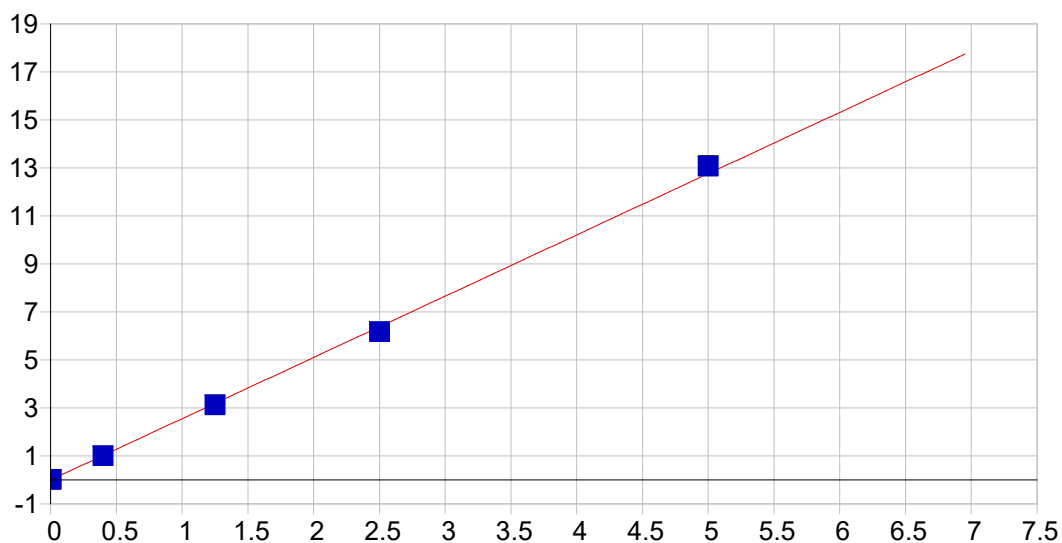


Be 234.861 {144}

Date of Fit: 11/10/2025 11:51:50 Type of Fit: Linear Weighting: 1/Conc

A0 (Offset): -0.002784 Re-Slope: 1.000000
A1 (Gain): 17.712843 Y-int: 0.000000
A2 (Curvature): 0.000000
n (Exponent): 1.000000
Correlation: 0.999385 Status: OK.
Std Error of Est: 0.001780
Predicted MDL: 0.000110
Predicted MQL: 0.000368

Std. Name	Stated Conc.	Found Conc.	Difference	% Diff.	(S)IR	Std Dev	Emphasis
S0	.00000	-.00000	-.000	.000	-.00281	.001	1
S1	.00600	.00708	.001	18.0	.12178	.001	1
S3	.12500	.13340	.008	6.72	2.3501	.006	1
S4	.25000	.24363	-.006	-2.55	4.2927	.061	1
S5	.50000	.49451	-.005	-1.10	8.7167	.074	1
S2	.04000	.04239	.002	5.98	.74493	.007	1

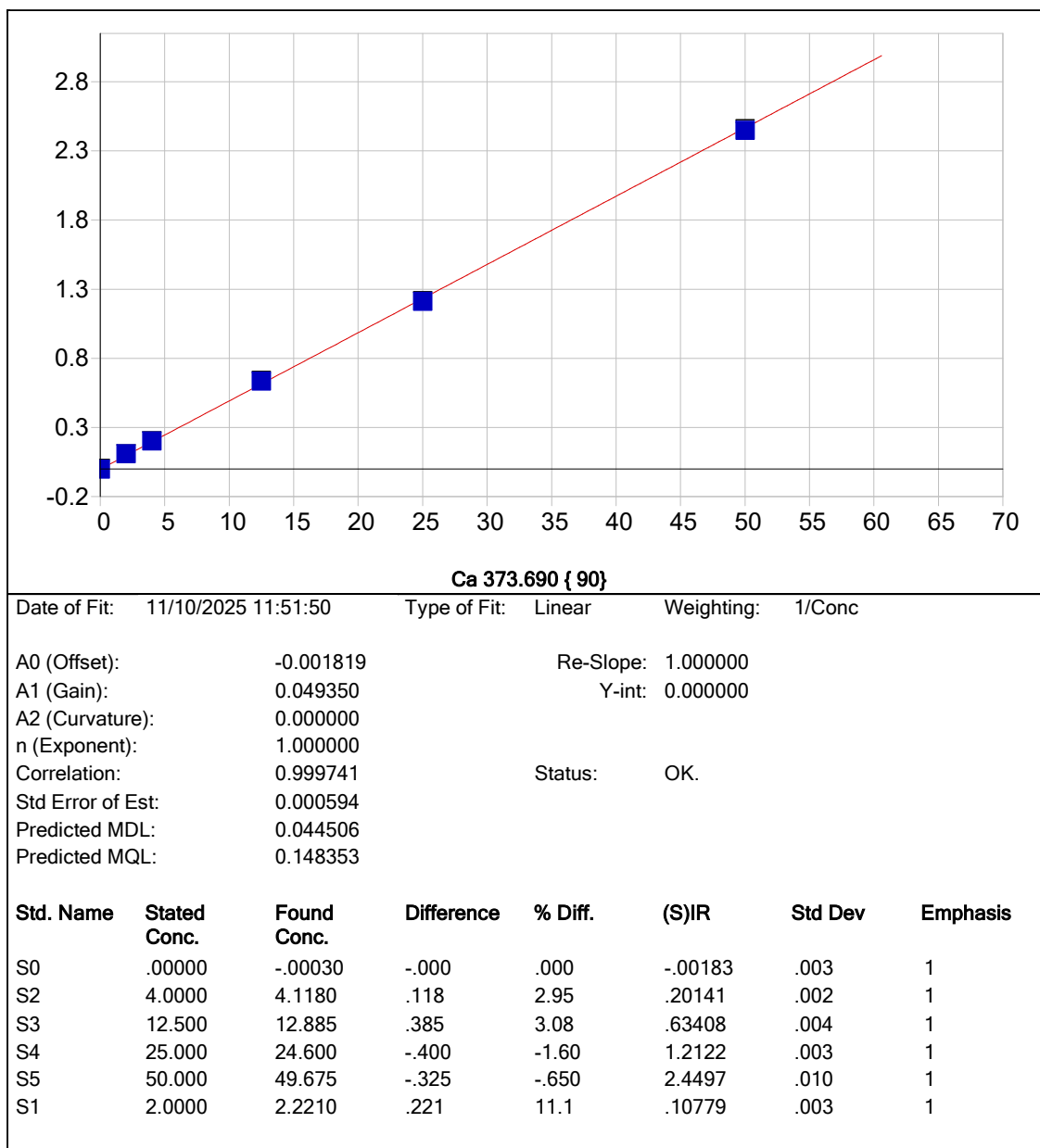


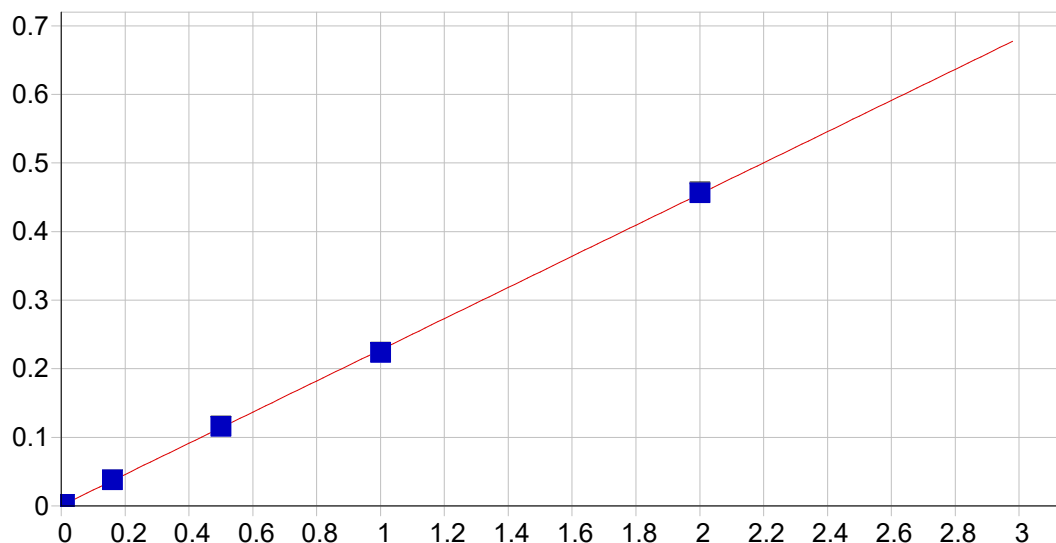
Cd 226.502 {449}

Date of Fit: 11/10/2025 11:51:50 Type of Fit: Linear Weighting: 1/Conc

A0 (Offset): -0.002015 Re-Slope: 1.000000
A1 (Gain): 2.552566 Y-int: 0.000000
A2 (Curvature): 0.000000
n (Exponent): 1.000000
Correlation: 0.999659 Status: OK.
Std Error of Est: 0.000605
Predicted MDL: 0.000186
Predicted MQL: 0.000620

Std. Name	Stated Conc.	Found Conc.	Difference	% Diff.	(S)IR	Std Dev	Emphasis
S0	.00000	.00000	.000	.000	-.00201	.000	1
S1	.00600	.00622	.000	3.73	.01392	.000	1
S3	1.2500	1.2220	-.028	-2.24	3.1194	.005	1
S4	2.5000	2.4196	-.080	-3.22	6.1784	.007	1
S5	5.0000	5.1181	.118	2.36	13.071	.018	1
S2	.40000	.39005	-.010	-2.49	.99428	.002	1



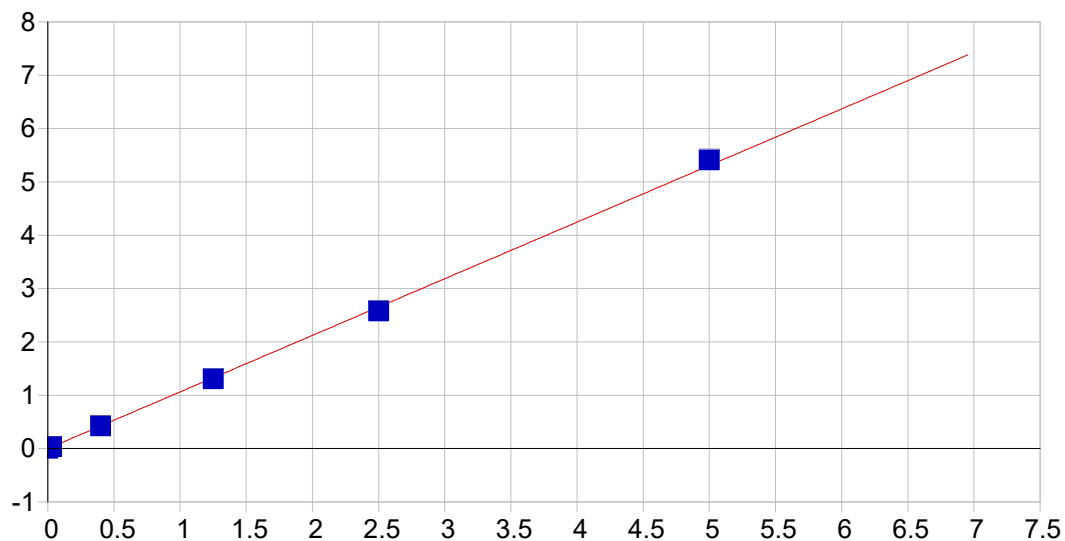


Cr 267.716 {126}

Date of Fit: 11/10/2025 11:51:50 Type of Fit: Linear Weighting: 1/Conc

A0 (Offset): 0.000421 Re-Slope: 1.000000
A1 (Gain): 0.227228 Y-int: 0.000000
A2 (Curvature): 0.000000
n (Exponent): 1.000000
Correlation: 0.999906 Status: OK.
Std Error of Est: 0.000023
Predicted MDL: 0.000960
Predicted MQL: 0.003201

Std. Name	Stated Conc.	Found Conc.	Difference	% Diff.	(S)IR	Std Dev	Emphasis
S0	.00000	-.00000	-.000	.000	.00042	.000	1
S1	.01000	.01046	.000	4.57	.00280	.000	1
S3	.50000	.50745	.007	1.49	.11582	.000	1
S4	1.0000	.98101	-.019	-1.90	.22352	.001	1
S5	2.0000	2.0056	.006	.282	.45652	.001	1
S2	.16000	.16544	.005	3.40	.03804	.000	1

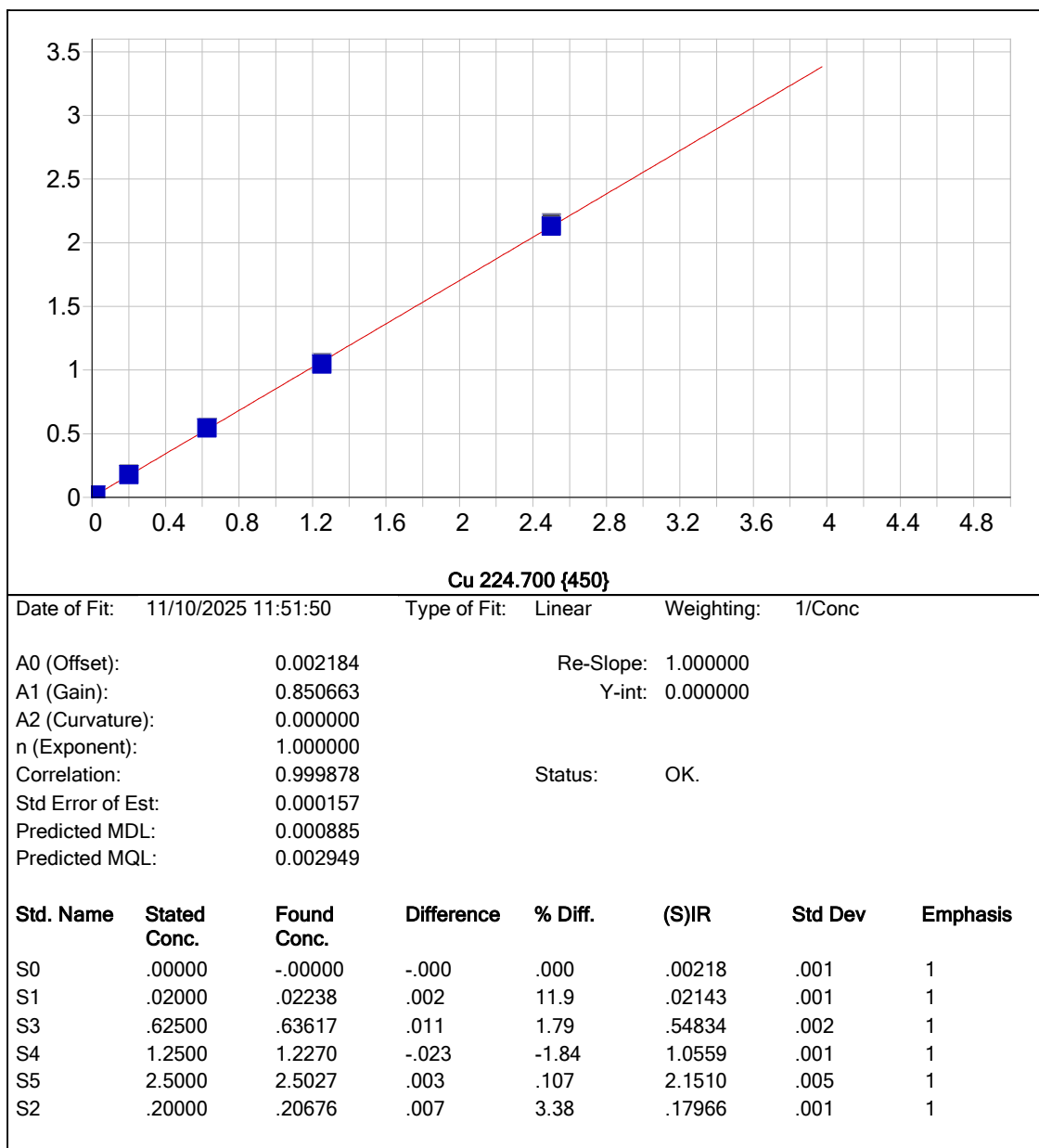


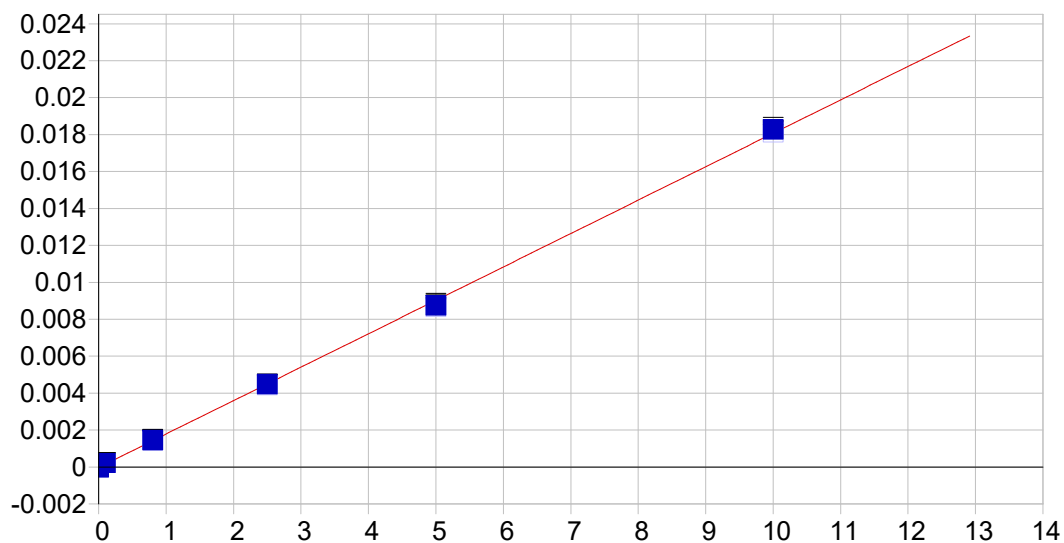
Co 228.616 {448}

Date of Fit: 11/10/2025 11:51:50 Type of Fit: Linear Weighting: 1/Conc

A0 (Offset): 0.000199 Re-Slope: 1.000000
A1 (Gain): 1.061420 Y-int: 0.000000
A2 (Curvature): 0.000000
n (Exponent): 1.000000
Correlation: 0.999753 Status: OK.
Std Error of Est: 0.000480
Predicted MDL: 0.000414
Predicted MQL: 0.001382

Std. Name	Stated Conc.	Found Conc.	Difference	% Diff.	(S)IR	Std Dev	Emphasis
S0	.00000	-.00000	-.000	.000	.00020	.000	1
S1	.03000	.03155	.002	5.15	.03355	.000	1
S3	1.2500	1.2309	-.019	-1.53	1.3090	.001	1
S4	2.5000	2.4256	-.074	-2.98	2.5793	.002	1
S5	5.0000	5.0973	.097	1.95	5.4196	.004	1
S2	.40000	.39460	-.005	-1.35	.41976	.002	1



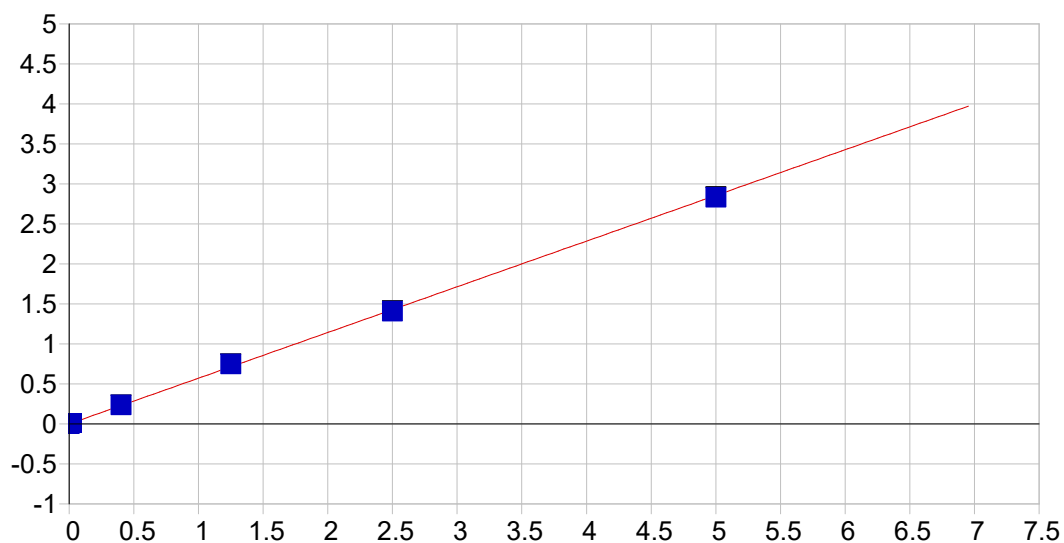


Fe 240.488 {140}

Date of Fit: 11/10/2025 11:51:50 Type of Fit: Linear Weighting: 1/Conc

A0 (Offset): -0.000026 Re-Slope: 1.000000
A1 (Gain): 0.001810 Y-int: 0.000000
A2 (Curvature): 0.000000
n (Exponent): 1.000000
Correlation: 0.999502 Status: OK.
Std Error of Est: 0.000003
Predicted MDL: 0.033160
Predicted MQL: 0.110532

Std. Name	Stated Conc.	Found Conc.	Difference	% Diff.	(S)IR	Std Dev	Emphasis
S0	.00000	-.00003	-.000	.000	-.00003	.000	1
S1	.10000	.13455	.035	34.6	.00022	.000	1
S3	2.5000	2.4874	-.013	-.506	.00444	.000	1
S4	5.0000	4.8509	-.149	-2.98	.00867	.000	1
S5	10.000	10.111	.111	1.11	.01812	.000	1
S2	.80000	.81672	.017	2.09	.00144	.000	1

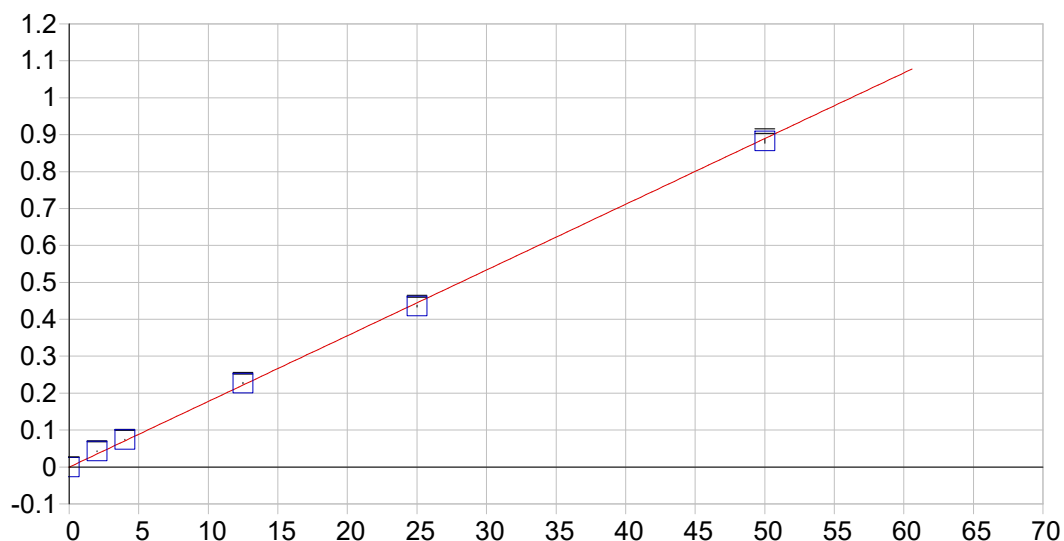


Mn 257.610 {131}

Date of Fit: 11/10/2025 11:51:50 Type of Fit: Linear Weighting: 1/Conc

A0 (Offset):	0.000266	Re-Slope:	1.000000
A1 (Gain):	0.571187	Y-int:	0.000000
A2 (Curvature):	0.000000		
n (Exponent):	1.000000		
Correlation:	0.999758	Status:	OK.
Std Error of Est:	0.000209		
Predicted MDL:	0.001511		
Predicted MQL:	0.005036		

Std. Name	Stated Conc.	Found Conc.	Difference	% Diff.	(S)IR	Std Dev	Emphasis
S0	.00000	-.00000	-.000	.000	.00026	.001	1
S1	.02000	.02205	.002	10.2	.01286	.001	1
S3	1.2500	1.3112	.061	4.90	.74937	.002	1
S4	2.5000	2.4643	-.036	-1.43	1.4081	.009	1
S5	5.0000	4.9597	-.040	-.806	2.8338	.006	1
S2	.40000	.41274	.013	3.18	.23606	.002	1

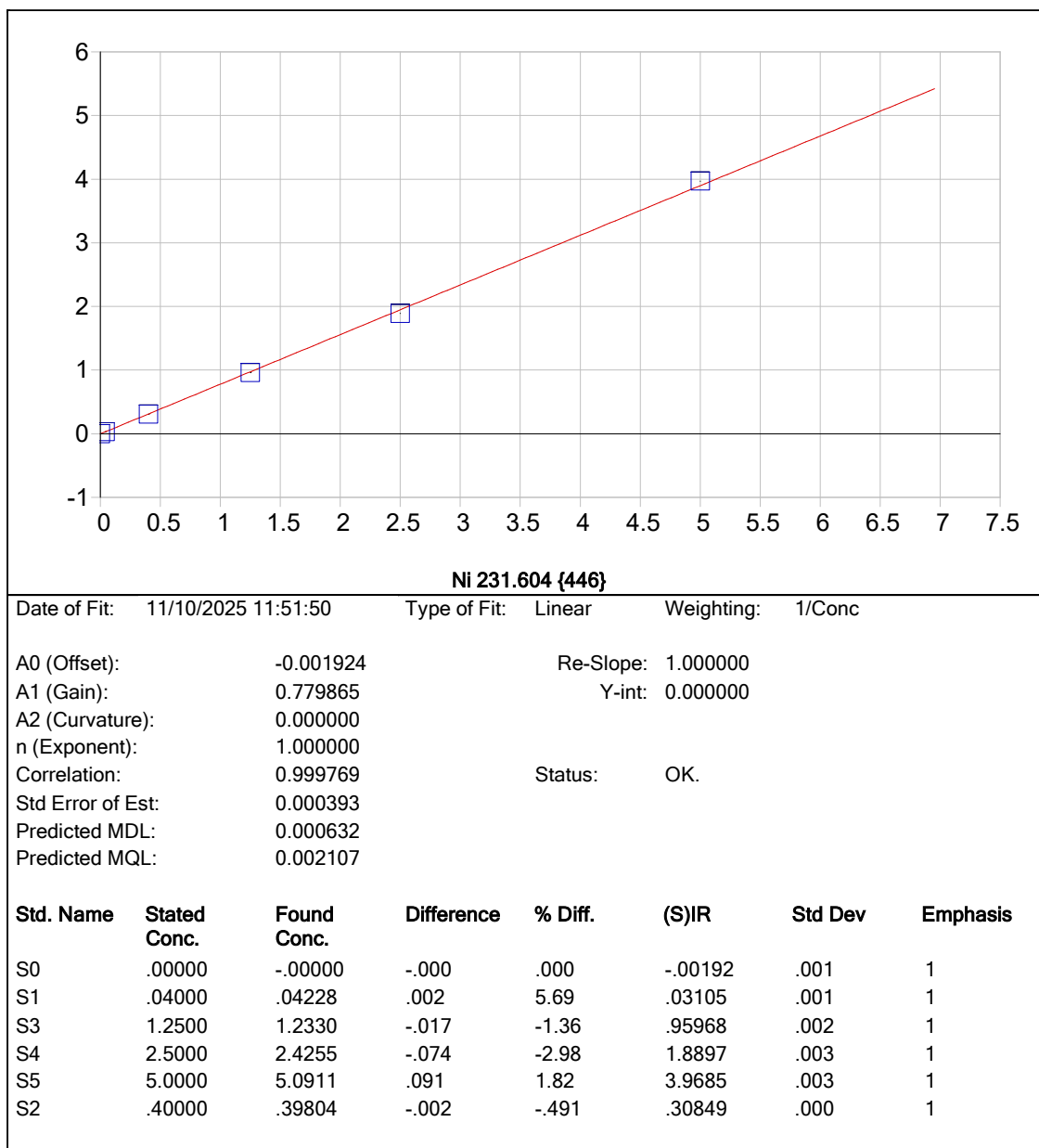


Mg 279.079 {121}

Date of Fit: 11/10/2025 11:51:50 Type of Fit: Linear Weighting: 1/Conc

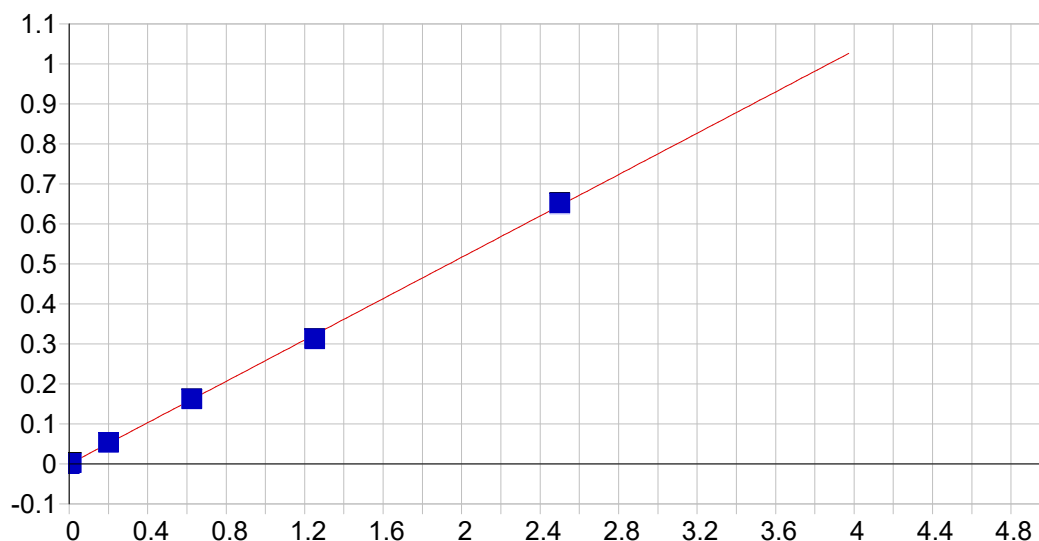
A0 (Offset): -0.000411 Re-Slope: 1.000000
A1 (Gain): 0.017797 Y-int: 0.000000
A2 (Curvature): 0.000000
n (Exponent): 1.000000
Correlation: 0.999398 Status: OK.
Std Error of Est: 0.000327
Predicted MDL: 0.063546
Predicted MQL: 0.211819

Std. Name	Stated Conc.	Found Conc.	Difference	% Diff.	(S)IR	Std Dev	Emphasis
S0	.00000	-.00049	-.000	.000	-.00042	.001	1
S2	4.0000	4.1702	.170	4.26	.07381	.001	1
S3	12.500	12.787	.287	2.29	.22715	.002	1
S4	25.000	24.508	-.492	-1.97	.43575	.003	1
S5	50.000	49.620	-.380	-.760	.88268	.006	1
S1	2.0000	2.4151	.415	20.8	.04257	.001	1



Date of Fit: 11/10/2025 11:51:50 Type of Fit: Linear Weighting: 1/Conc

A0 (Offset): -0.001924 Re-Slope: 1.000000
A1 (Gain): 0.779865 Y-int: 0.000000
A2 (Curvature): 0.000000
n (Exponent): 1.000000
Correlation: 0.999769 Status: OK.
Std Error of Est: 0.000393
Predicted MDL: 0.000632
Predicted MQL: 0.002107

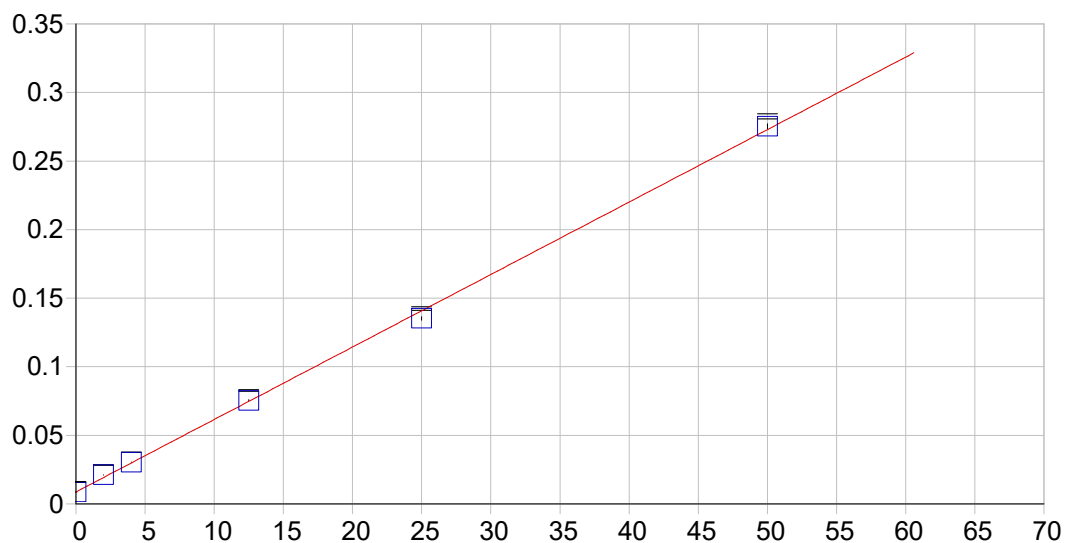


Ag 328.068 {103}

Date of Fit: 11/10/2025 11:51:50 Type of Fit: Linear Weighting: 1/Conc

A0 (Offset):	-0.000316	Re-Slope:	1.000000
A1 (Gain):	0.258418	Y-int:	0.000000
A2 (Curvature):	0.000000		
n (Exponent):	1.000000		
Correlation:	0.999756	Status:	OK.
Std Error of Est:	0.000047		
Predicted MDL:	0.001416		
Predicted MQL:	0.004719		

Std. Name	Stated Conc.	Found Conc.	Difference	% Diff.	(S)IR	Std Dev	Emphasis
S0	.00000	-.00000	-.000	.000	-.00032	.000	1
S1	.01000	.01181	.002	18.1	.00271	.000	1
S3	.62500	.62902	.004	.643	.16145	.000	1
S4	1.2500	1.2110	-.039	-3.12	.31106	.000	1
S5	2.5000	2.5241	.024	.965	.64883	.002	1
S2	.20000	.20906	.009	4.53	.05346	.000	1

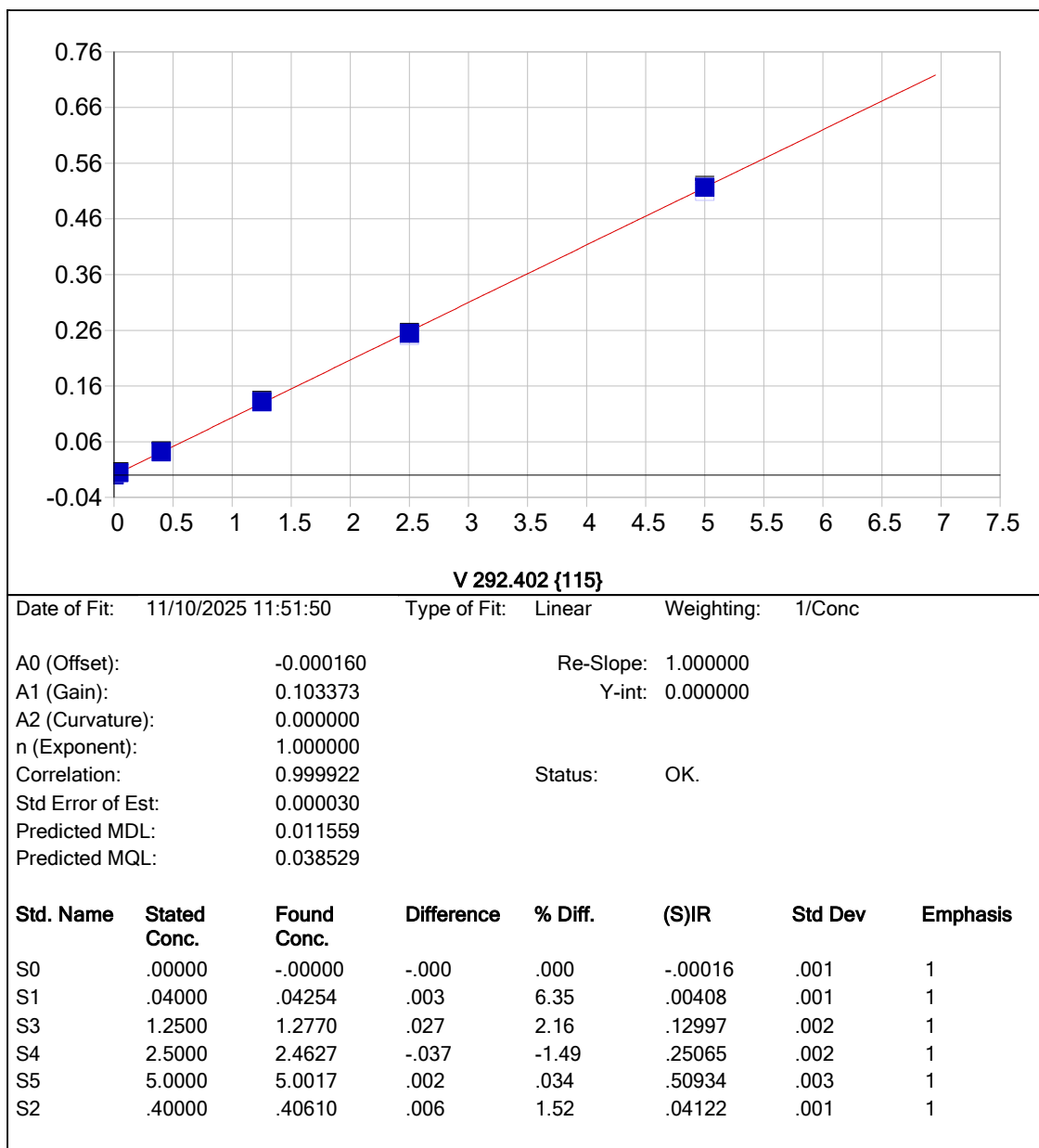


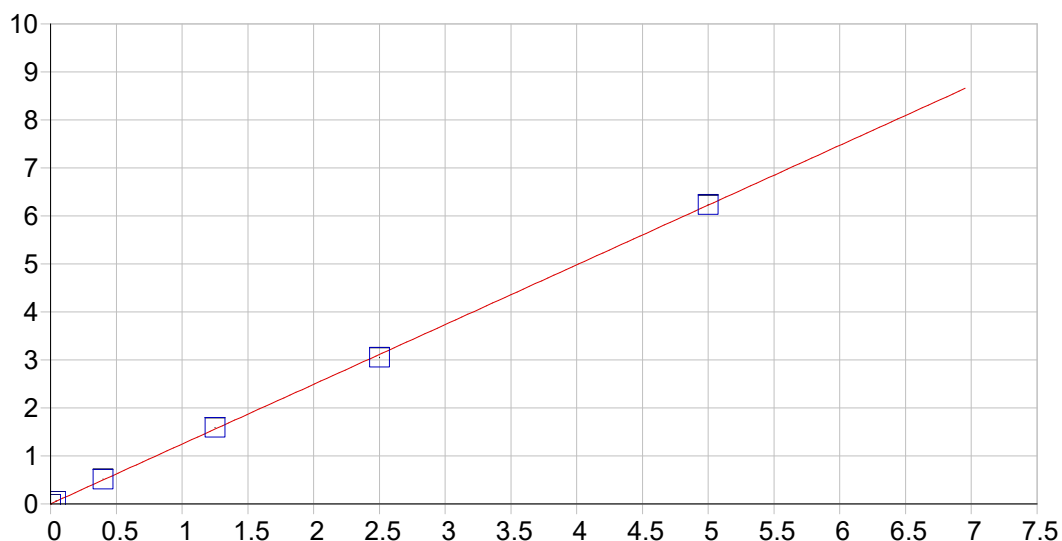
Na 589.592 { 57}

Date of Fit: 11/10/2025 11:51:50 Type of Fit: Linear Weighting: 1/Conc

A0 (Offset): 0.008720 Re-Slope: 1.000000
A1 (Gain): 0.005284 Y-int: 0.000000
A2 (Curvature): 0.000000
n (Exponent): 1.000000
Correlation: 0.999393 Status: OK.
Std Error of Est: 0.000097
Predicted MDL: 0.081289
Predicted MQL: 0.270964

Std. Name	Stated Conc.	Found Conc.	Difference	% Diff.	(S)IR	Std Dev	Emphasis
S0	.00000	-.00036	-.000	.000	.00872	.000	1
S2	4.0000	4.1098	.110	2.74	.03044	.000	1
S3	12.500	12.634	.134	1.07	.07548	.001	1
S4	25.000	23.950	-1.05	-4.20	.13528	.001	1
S5	50.000	50.457	.457	.914	.27534	.002	1
S1	2.0000	2.3486	.349	17.4	.02113	.000	1



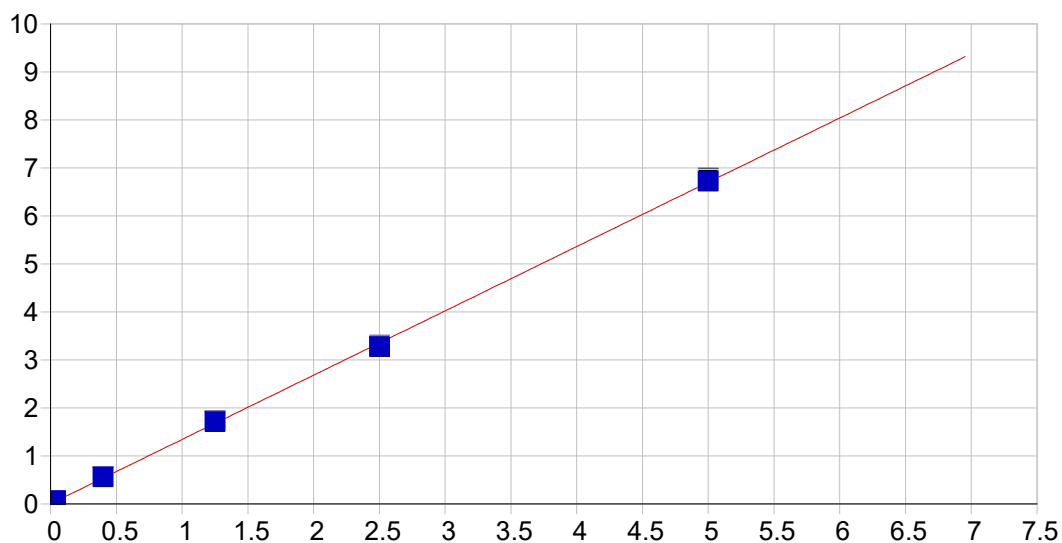


Zn 206.200 {464}

Date of Fit: 11/10/2025 11:51:50 Type of Fit: Linear Weighting: 1/Conc

A0 (Offset): 0.001607 Re-Slope: 1.000000
A1 (Gain): 1.244787 Y-int: 0.000000
A2 (Curvature): 0.000000
n (Exponent): 1.000000
Correlation: 0.999860 Status: OK.
Std Error of Est: 0.000489
Predicted MDL: 0.000330
Predicted MQL: 0.001101

Std. Name	Stated Conc.	Found Conc.	Difference	% Diff.	(S)IR	Std Dev	Emphasis
S0	.00000	-.00001	-.000	.000	.00160	.000	1
S1	.04000	.04484	.005	12.1	.05742	.000	1
S3	1.2500	1.2764	.026	2.11	1.5904	.005	1
S4	2.5000	2.4503	-.050	-1.99	3.0517	.002	1
S5	5.0000	5.0052	.005	.104	6.2320	.008	1
S2	.40000	.41327	.013	3.32	.51605	.001	1

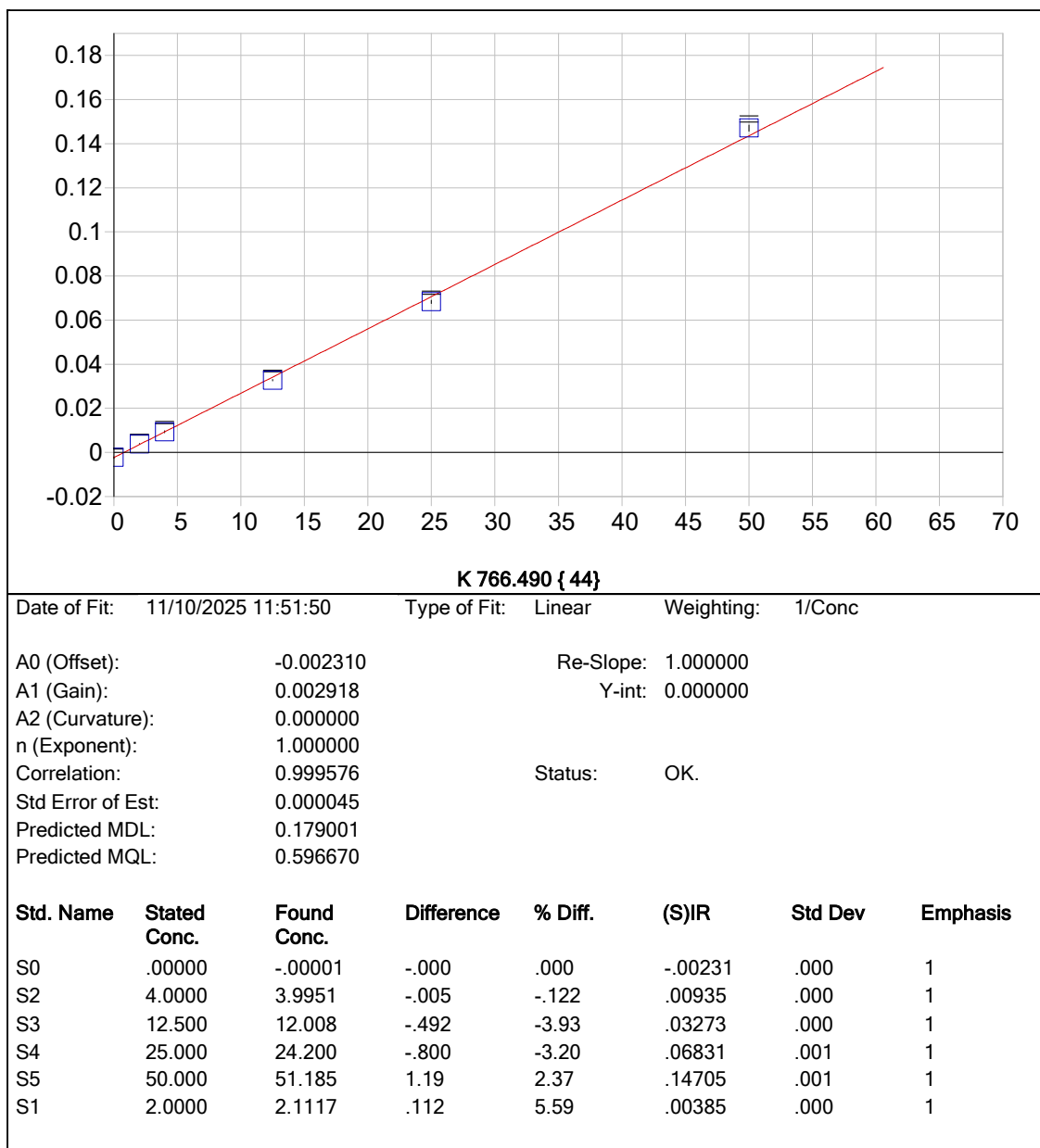


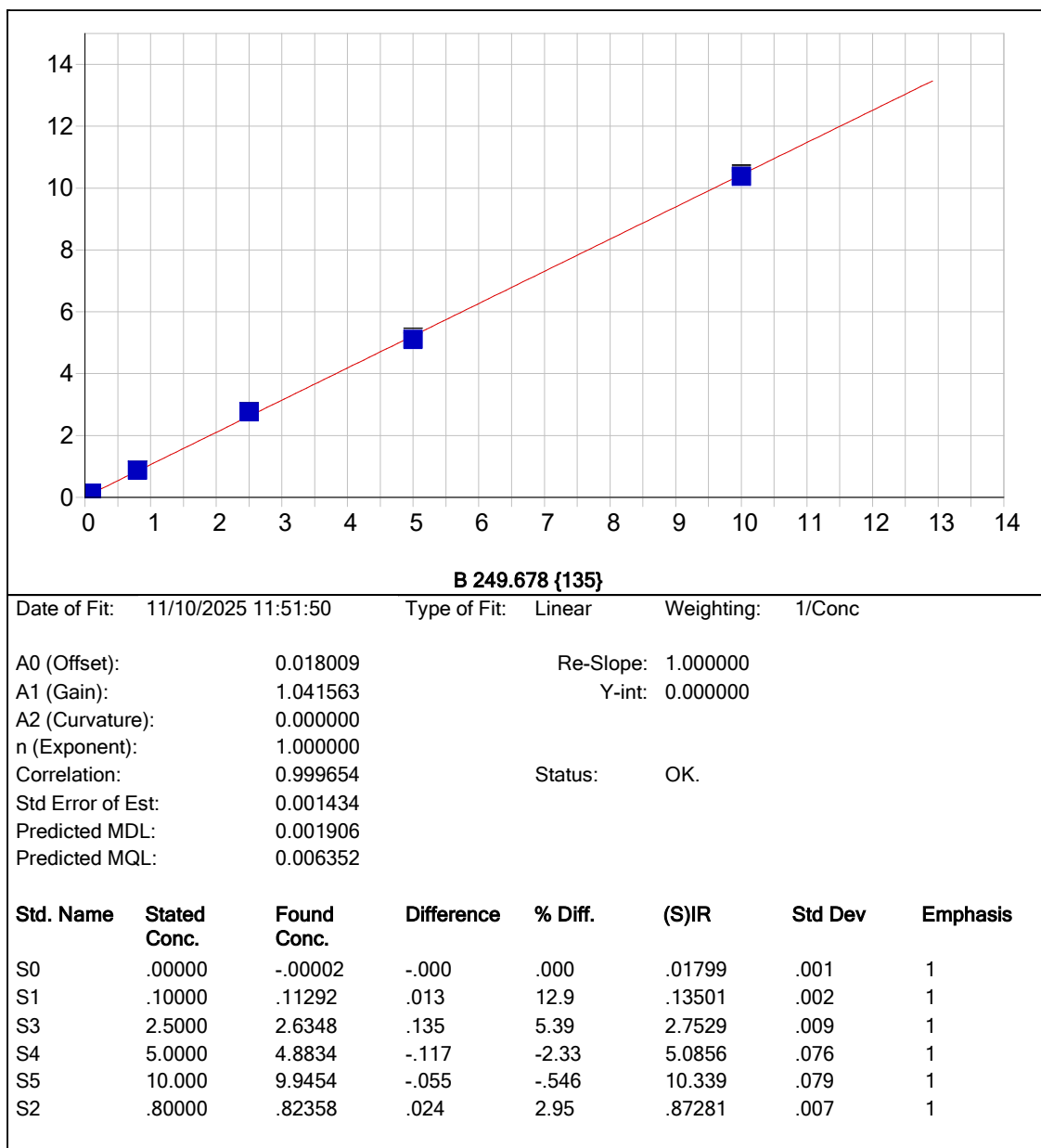
Zn 213.856 {158}

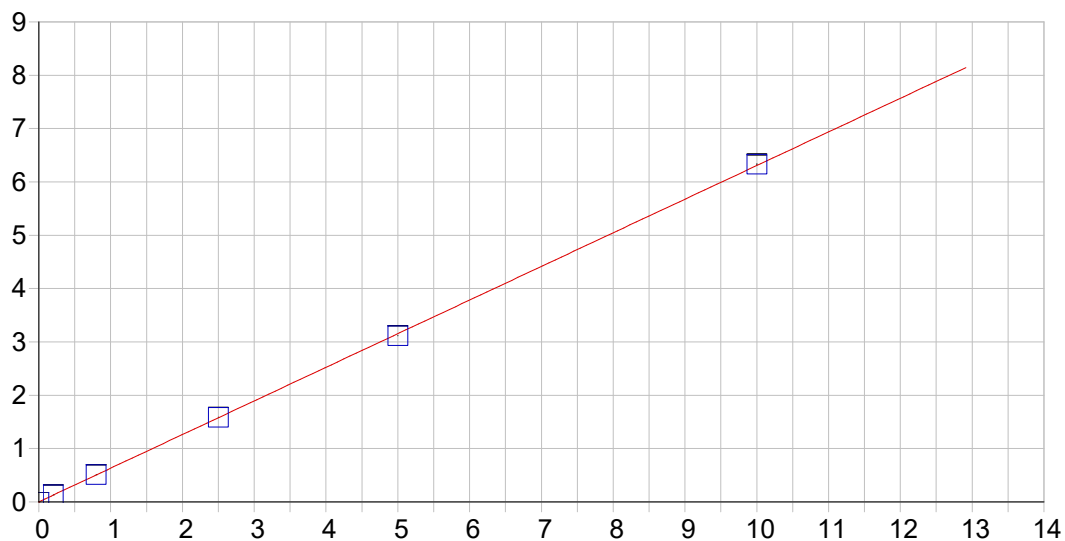
Date of Fit: 11/10/2025 11:51:50 Type of Fit: Linear Weighting: 1/Conc

A0 (Offset): 0.003838 Re-Slope: 1.000000
A1 (Gain): 1.339373 Y-int: 0.000000
A2 (Curvature): 0.000000
n (Exponent): 1.000000
Correlation: 0.999818 Status: OK.
Std Error of Est: 0.000604
Predicted MDL: 0.000716
Predicted MQL: 0.002387

Std. Name	Stated Conc.	Found Conc.	Difference	% Diff.	(S)IR	Std Dev	Emphasis
S0	.00000	-.00001	-.000	.000	.00383	.001	1
S1	.04000	.04508	.005	12.7	.06459	.001	1
S3	1.2500	1.2784	.028	2.27	1.7277	.002	1
S4	2.5000	2.4388	-.061	-2.45	3.2936	.012	1
S5	5.0000	5.0127	.013	.254	6.7643	.024	1
S2	.40000	.41507	.015	3.77	.56350	.002	1





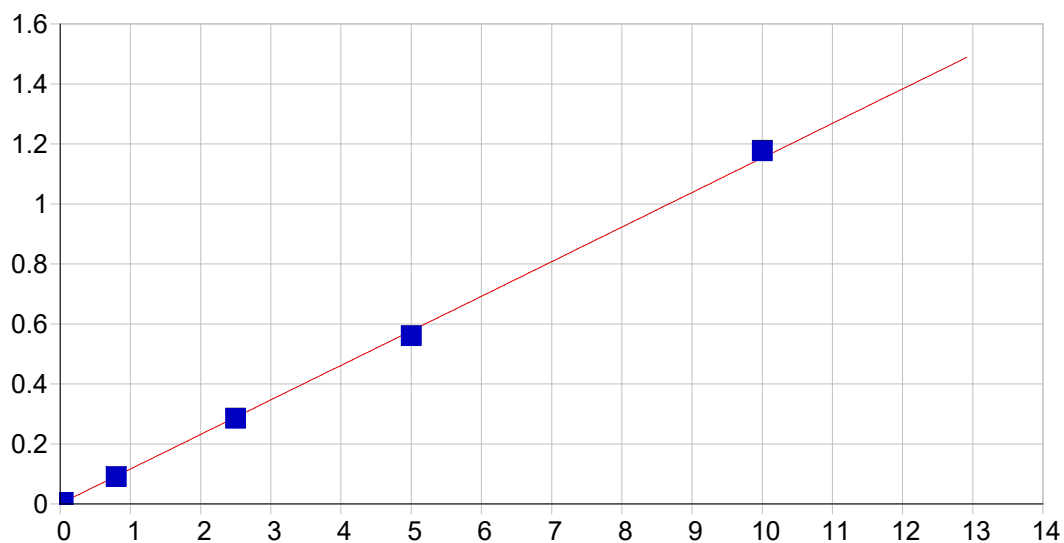


Mo 202.030 {467}

Date of Fit: 11/10/2025 11:51:50 Type of Fit: Linear Weighting: 1/Conc

A0 (Offset): 0.001360 Re-Slope: 1.000000
A1 (Gain): 0.630580 Y-int: 0.000000
A2 (Curvature): 0.000000
n (Exponent): 1.000000
Correlation: 0.999966 Status: OK.
Std Error of Est: 0.000387
Predicted MDL: 0.000674
Predicted MQL: 0.002246

Std. Name	Stated Conc.	Found Conc.	Difference	% Diff.	(S)IR	Std Dev	Emphasis
S0	.00000	-.00001	-.000	.000	.00135	.000	1
S1	.20000	.20668	.007	3.34	.13169	.000	1
S3	2.5000	2.5128	.013	.514	1.5859	.003	1
S4	5.0000	4.9377	-.062	-1.25	3.1150	.004	1
S5	10.000	10.036	.036	.355	6.3296	.012	1
S2	.80000	.80727	.007	.909	.51041	.001	1

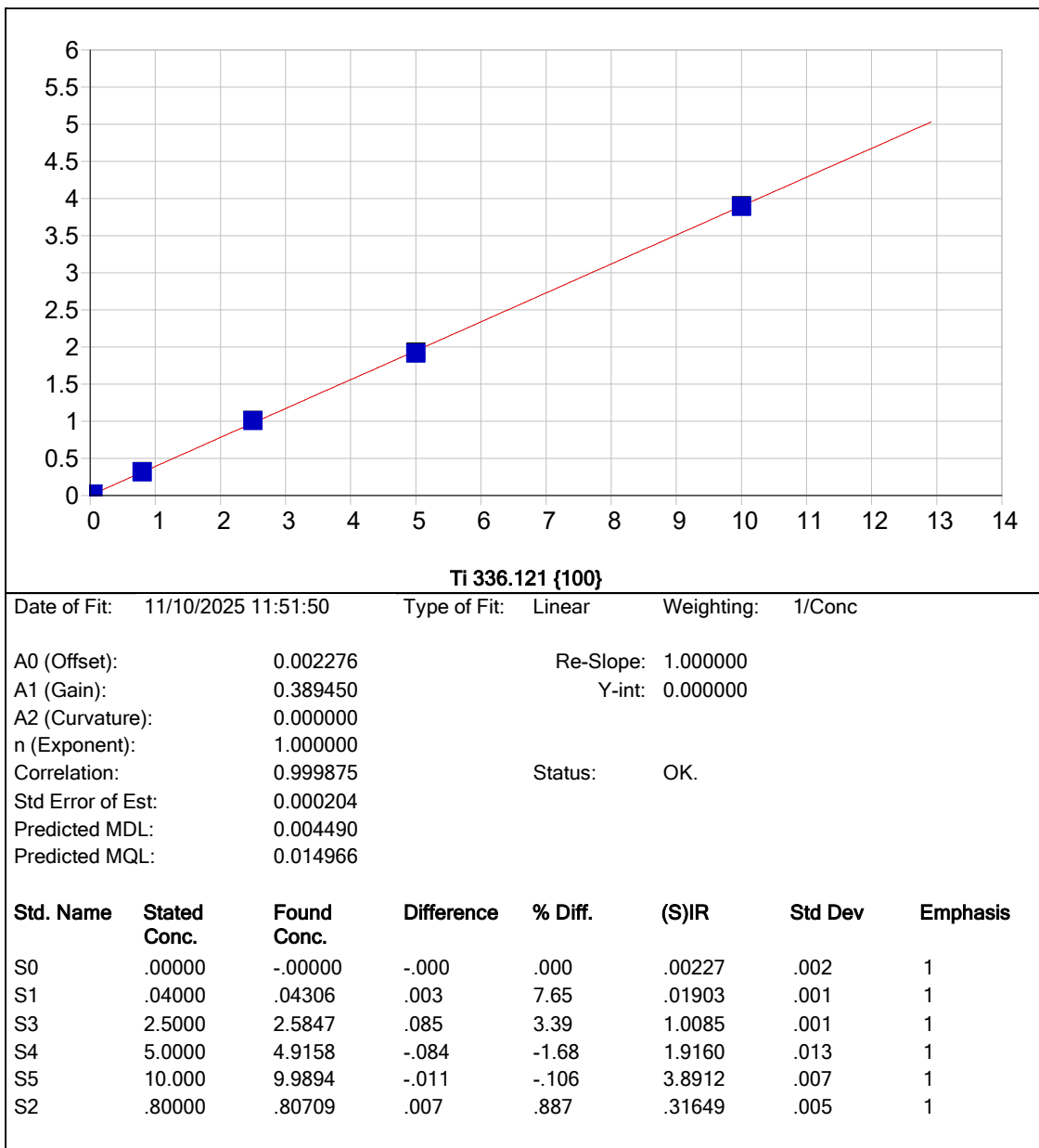


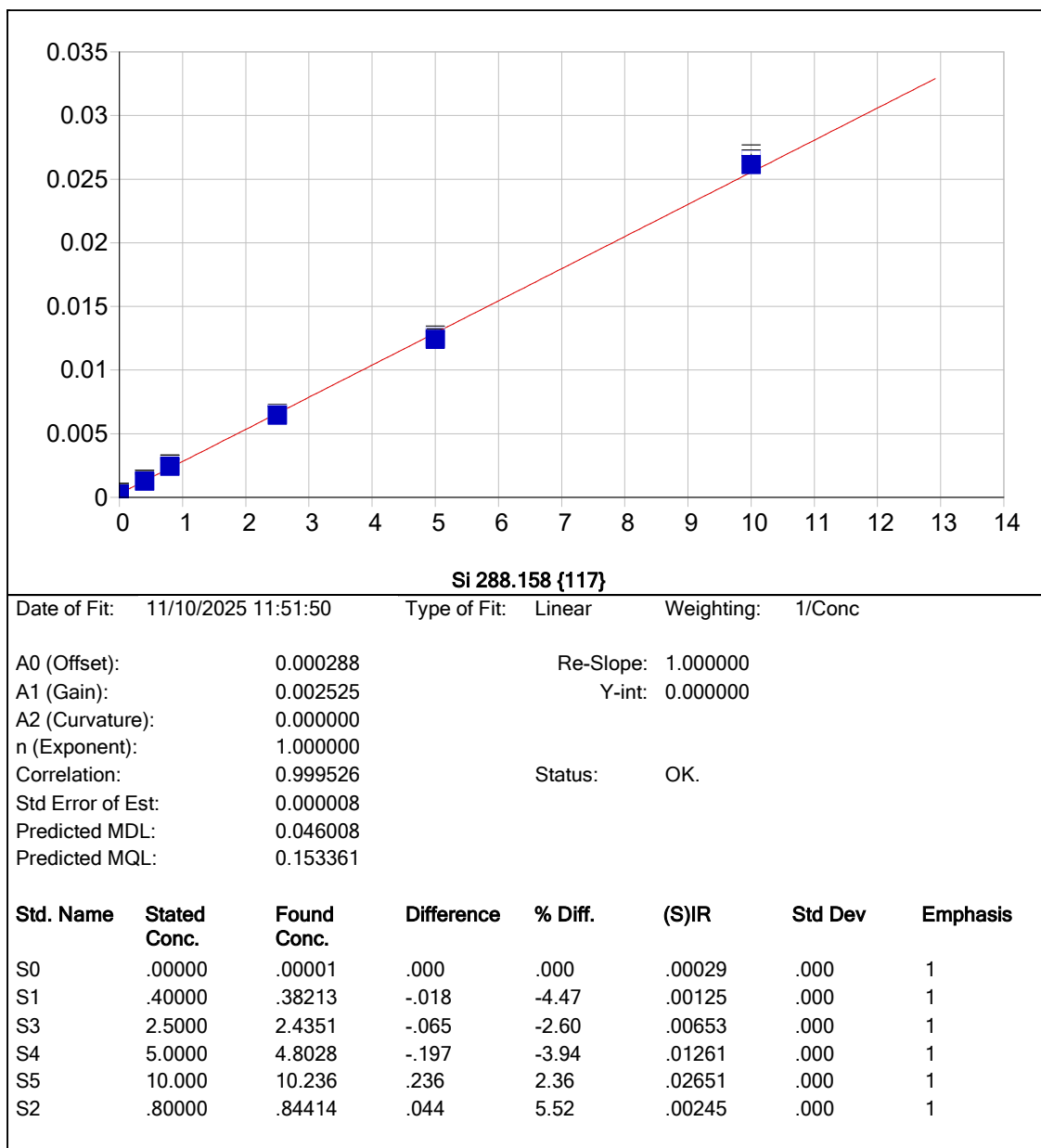
Sn 189.989 {478}

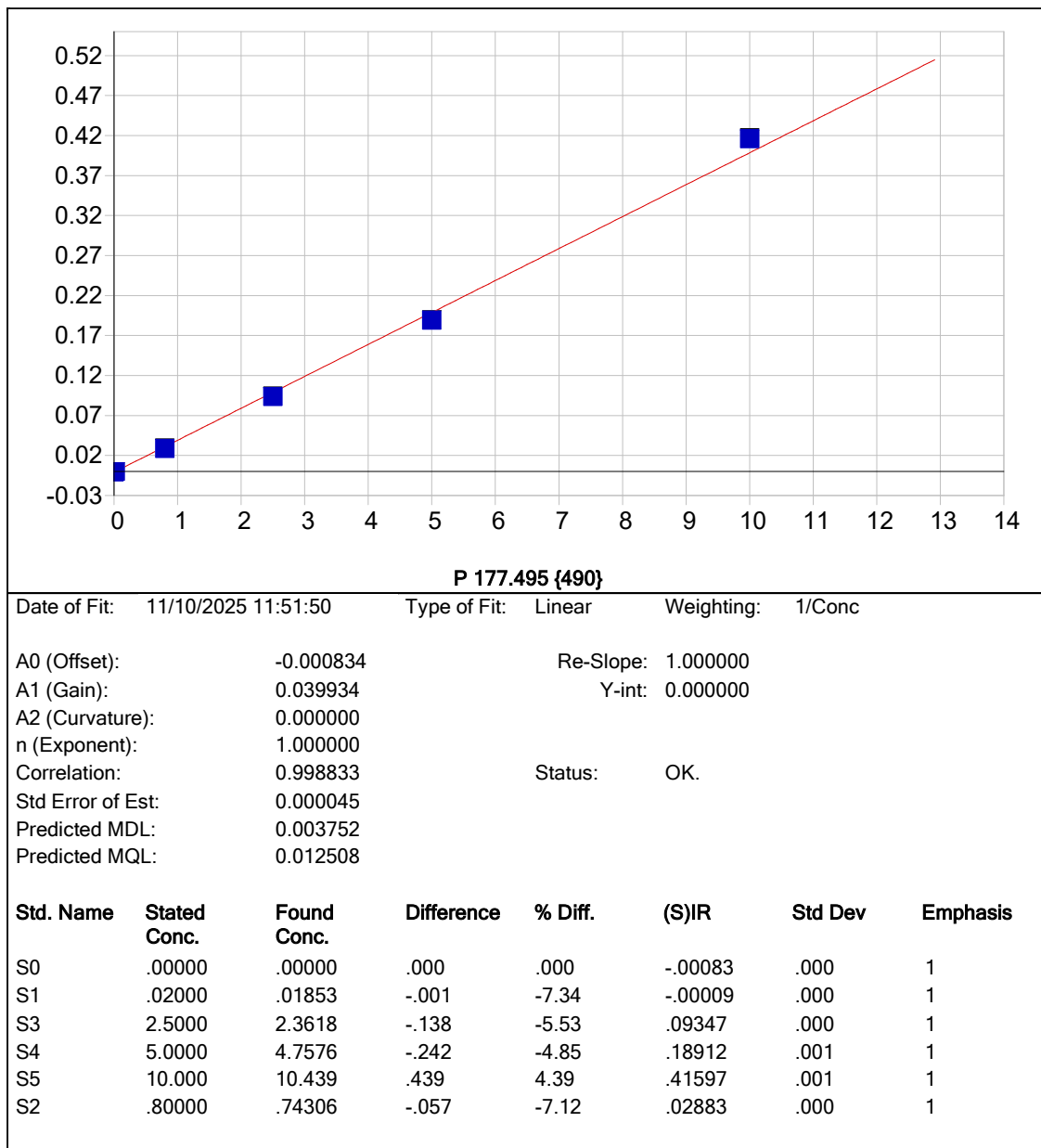
Date of Fit: 11/10/2025 11:51:50 Type of Fit: Linear Weighting: 1/Conc

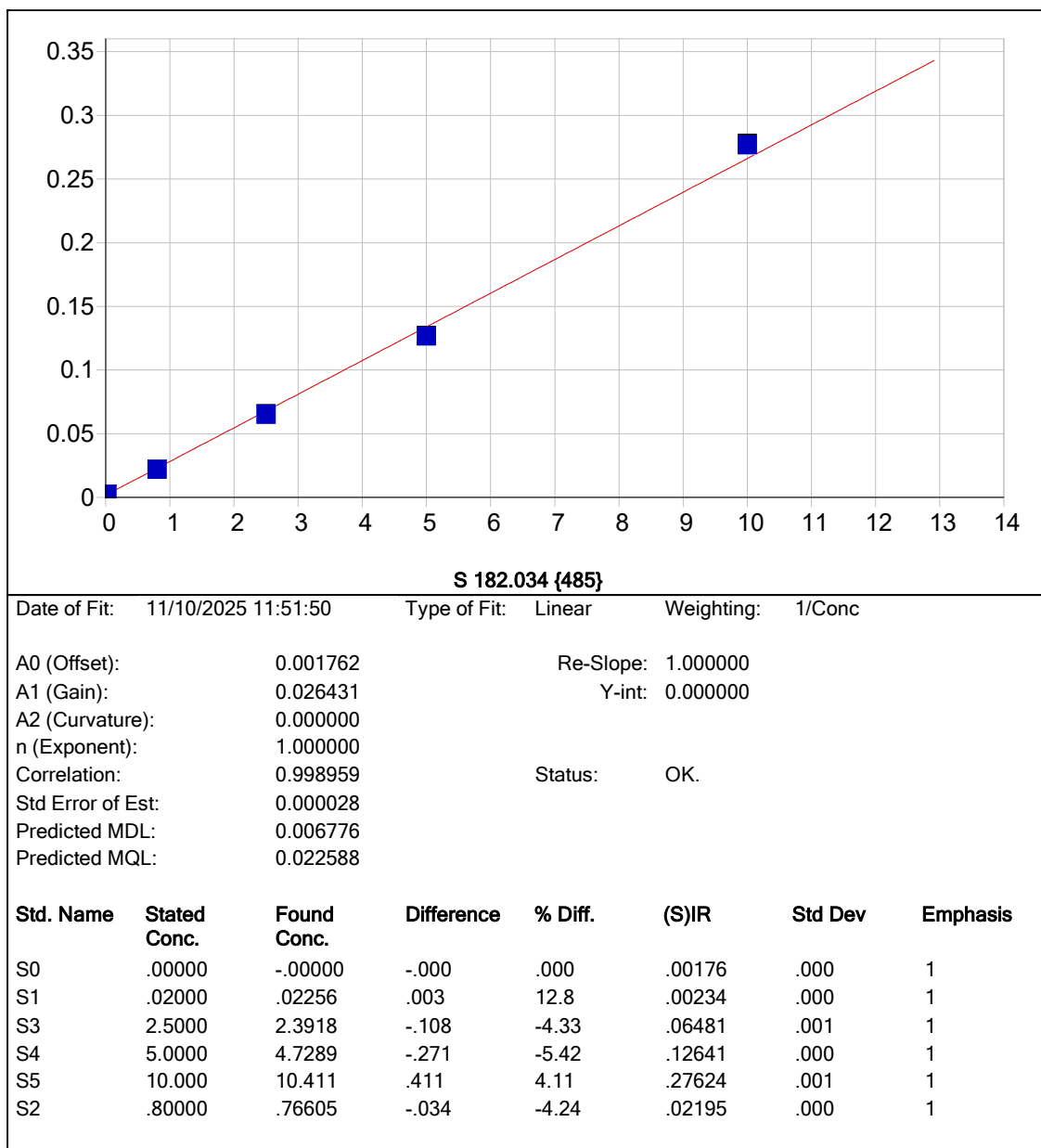
A0 (Offset): 0.000965 Re-Slope: 1.000000
A1 (Gain): 0.115202 Y-int: 0.000000
A2 (Curvature): 0.000000
n (Exponent): 1.000000
Correlation: 0.999741 Status: OK.
Std Error of Est: 0.000087
Predicted MDL: 0.001617
Predicted MQL: 0.005389

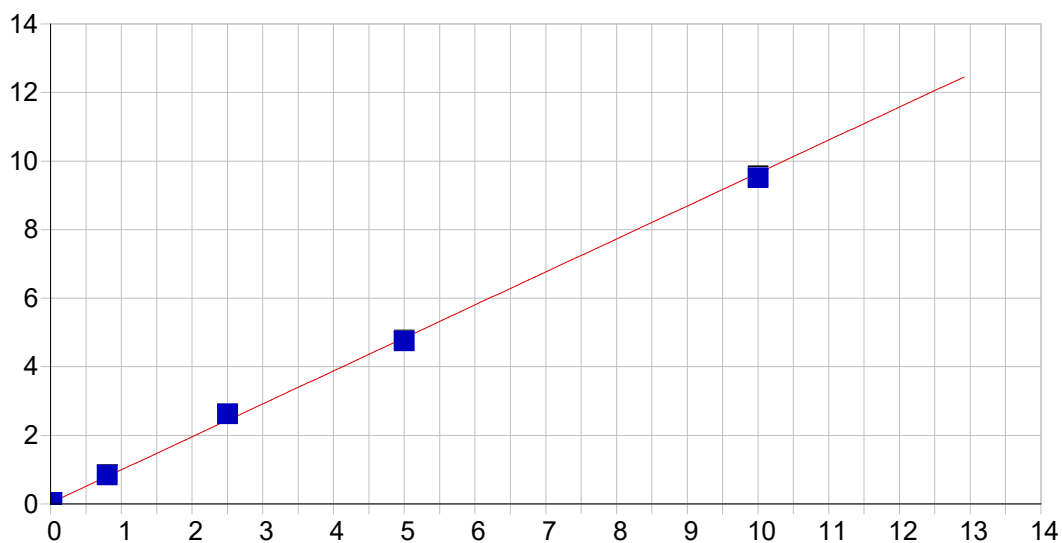
Std. Name	Stated Conc.	Found Conc.	Difference	% Diff.	(S)IR	Std Dev	Emphasis
S0	.00000	.00000	.000	.000	.00097	.000	1
S1	.04000	.03895	-.001	-2.62	.00545	.000	1
S3	2.5000	2.4643	-.036	-1.43	.28456	.001	1
S4	5.0000	4.8543	-.146	-2.91	.55960	.001	1
S5	10.000	10.204	.204	2.04	1.1753	.002	1
S2	.80000	.77885	-.021	-2.64	.09060	.000	1









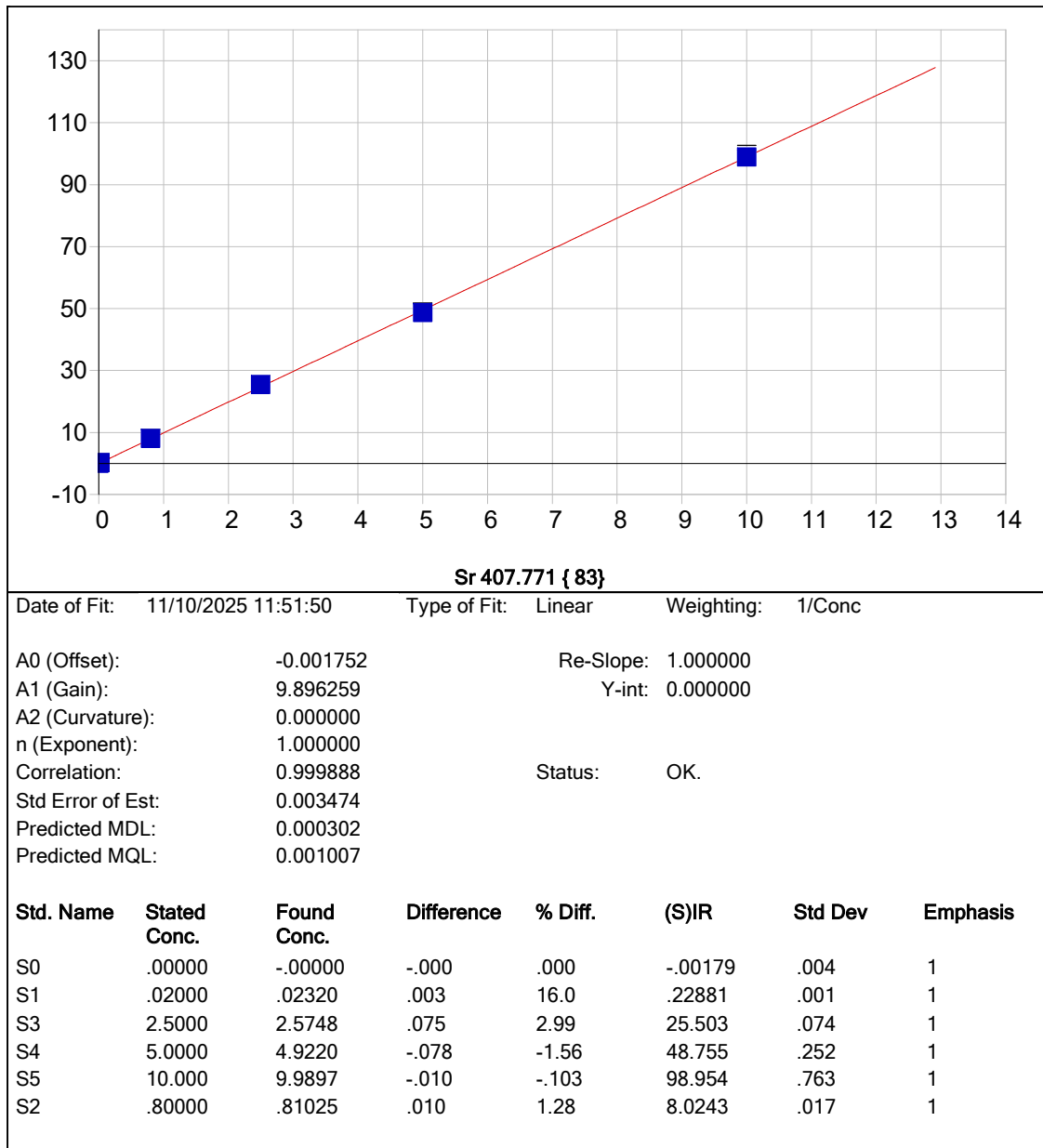


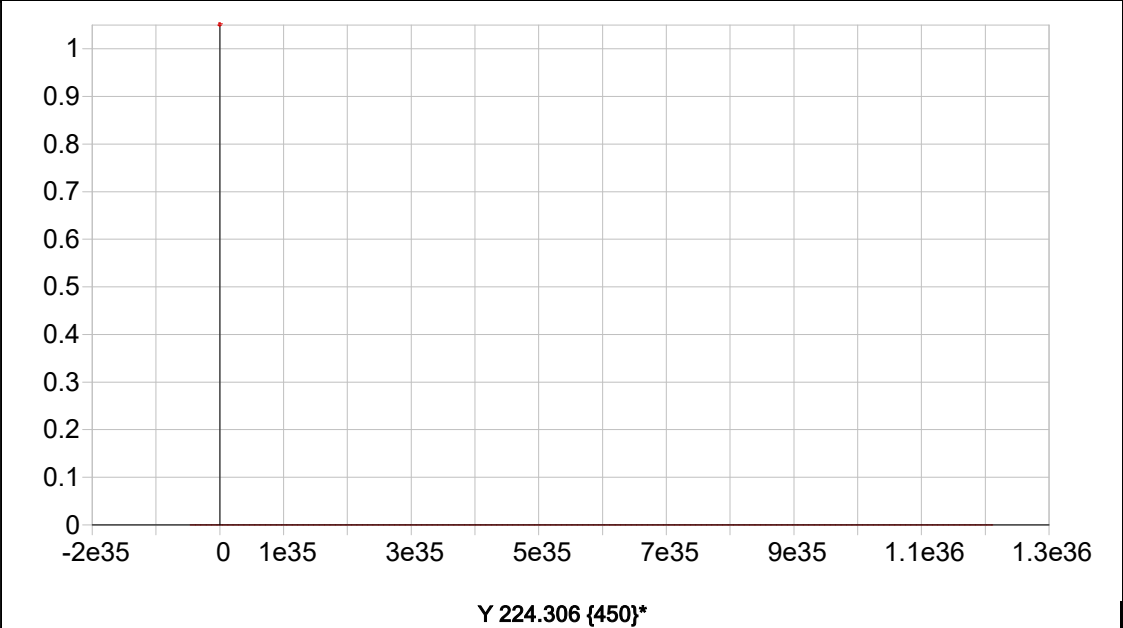
Li 670.784 { 50}

Date of Fit: 11/10/2025 11:51:50 Type of Fit: Linear Weighting: 1/Conc

A0 (Offset): 0.032142 Re-Slope: 1.000000
A1 (Gain): 0.961849 Y-int: 0.000000
A2 (Curvature): 0.000000
n (Exponent): 1.000000
Correlation: 0.999408 Status: OK.
Std Error of Est: 0.000777
Predicted MDL: 0.005421
Predicted MQL: 0.018069

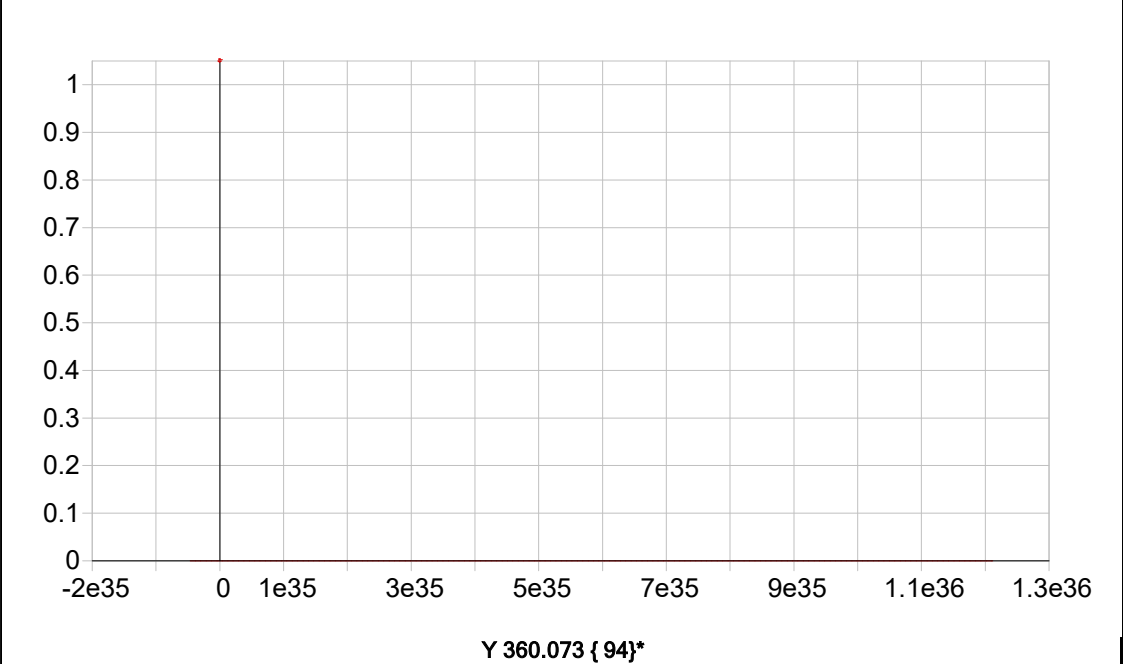
Std. Name	Stated Conc.	Found Conc.	Difference	% Diff.	(S)IR	Std Dev	Emphasis
S0	.00000	-.00000	-.000	.000	.03214	.008	1
S5	10.000	9.8544	-.146	-1.46	9.5183	.046	1
S4	5.0000	4.9052	-.095	-1.90	4.7541	.021	1
S3	2.5000	2.6975	.197	7.90	2.6286	.007	1
S1	.02000	.02104	.001	5.19	.05271	.005	1
S2	.80000	.84185	.042	5.23	.84249	.004	1



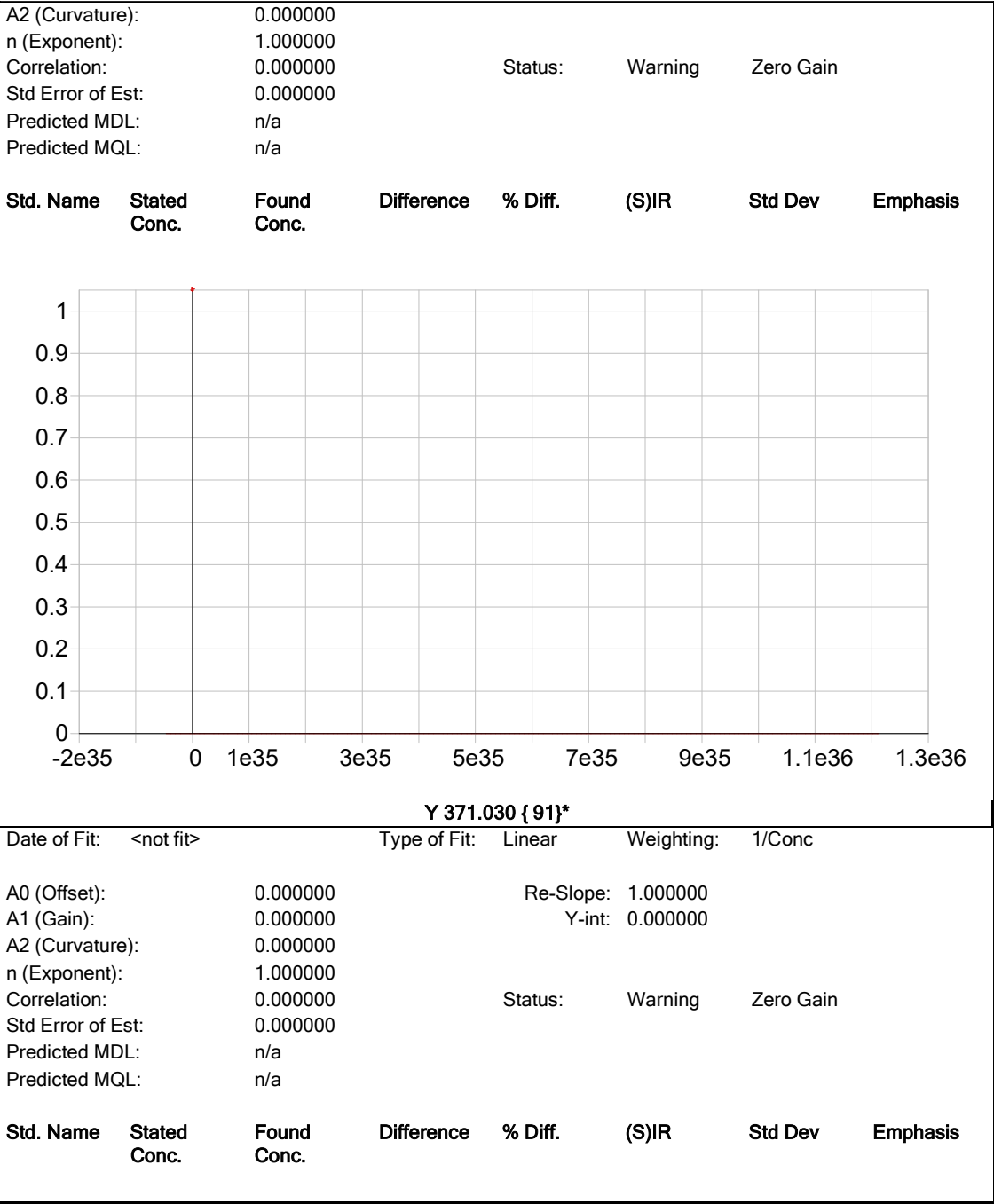


Date of Fit:	11/10/2025 11:51:50	Type of Fit:	Linear	Weighting:	1/Conc
A0 (Offset):	0.000000	Re-Slope:	1.000000		
A1 (Gain):	0.000000	Y-int:	0.000000		
A2 (Curvature):	0.000000				
n (Exponent):	1.000000				
Correlation:	0.000000	Status:	Warning	Zero Gain	
Std Error of Est:	0.000000				
Predicted MDL:	n/a				
Predicted MQL:	n/a				

Std. Name	Stated Conc.	Found Conc.	Difference	% Diff.	(S)IR	Std Dev	Emphasis
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Date of Fit:	<not fit>	Type of Fit:	Linear	Weighting:	1/Conc
A0 (Offset):	0.000000	Re-Slope:	1.000000		
A1 (Gain):	0.000000	Y-int:	0.000000		



A2 (Curvature):		0.000000		Status:	Warning	Zero Gain	
n (Exponent):		1.000000					
Correlation:		0.000000					
Std Error of Est:		0.000000					
Predicted MDL:		n/a					
Predicted MQL:		n/a					
Std. Name	Stated Conc.	Found Conc.	Difference	% Diff.	(S)IR	Std Dev	Emphasis

LA137835

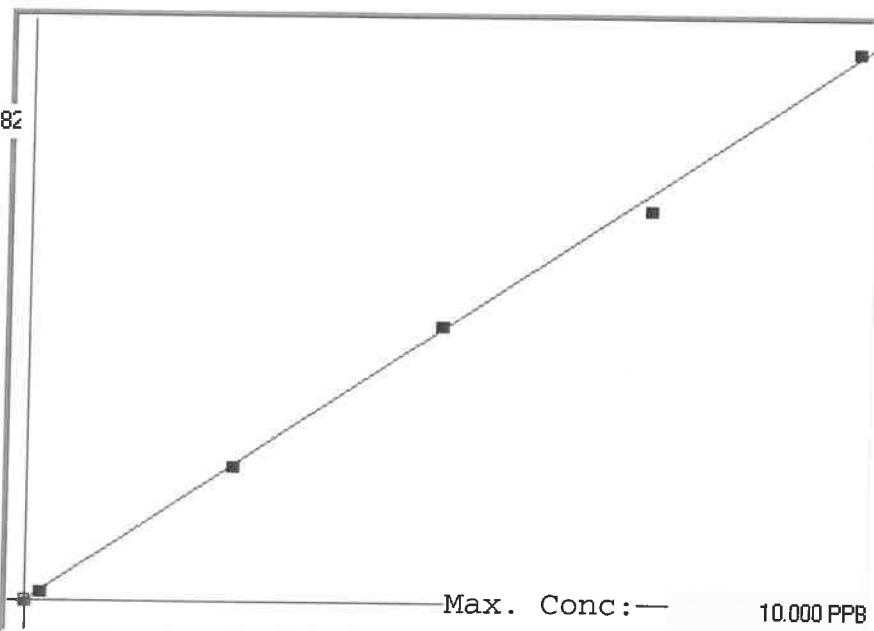
7470A

INSTRUMENT ID: CV1

Linear

μ Abs.:

41782



A= 0.0000e+000

B= 2.4227e-004

C= 5.1977e-003

Rho= 0.9993748

Accept=Accepted

Std ID	Conc.	Calc.	Dev.	Mean	SD or %RSD	Rep 1	Rep 2	Rep 3	Rep 4	Rep 5
0.0	0.000	0.022	0.022	69	0.000	69	0			
0.2	0.200	0.186	-0.014	747	0.0 %	747	0			
2.5	2.500	2.512	0.012	10349	0.0 %	10349	0			
5.0	5.000	5.118	0.118	21105	0.0 %	21105				
7.5	7.500	7.234	-0.266	29836	0.0 %	29836				
10.0	10.000	10.128	0.128	41782	0.0 %	41782				

LB137835 INSTRUMENT ID : CV1

Method: 7470A

Operator: Admin

Date of Analysis: 10 Nov 2025 13:39:43

Type	Sample ID	Extended ID	Conc.	µ Abs.	Units	Type	Std ConcMethod	Date
S	0.0 - 1	5.0	-	69	PPB	Std	0.00007470A	10 Nov 2025 14:08:32
S	0.2 - 1	5.2	-	747	PPB	Std	0.20007470A	10 Nov 2025 14:11:01
S	2.5 - 1	52.5	-	10349	PPB	Std	2.50007470A	10 Nov 2025 14:13:18
S	5.0 - 1	55	-	21105	PPB	Std	5.00007470A	10 Nov 2025 14:15:36
S	7.5 - 1	57.5	-	29836	PPB	Std	7.50007470A	10 Nov 2025 14:17:54
S	10.0 - 1	510	-	41782	PPB	Std	10.00007470A	10 Nov 2025 14:27:02
U	ICV108 - 1	ICV108	3.8599	15911	PPB	SMPL	-7470A	10 Nov 2025 14:29:55
U	ICB108 - 1	ICB108	-0.0324	-155	PPB	SMPL	-7470A	10 Nov 2025 14:32:10
U	CCV53 - 1	CCV53	4.9693	20490	PPB	SMPL	-7470A	10 Nov 2025 14:34:28
U	CCB53 - 1	CCB53	-0.0508	-231	PPB	SMPL	-7470A	10 Nov 2025 14:36:43
U	CRA - 1	CRA	0.1719	688	PPB	SMPL	-7470A	10 Nov 2025 14:39:01
U	HighStd - 1	HighStd	10.0729	41556	PPB	SMPL	-7470A	10 Nov 2025 14:41:15
U	ChkStd - 1	ChkStd	6.6109	27266	PPB	SMPL	-7470A	10 Nov 2025 14:43:31
U	PB170468BL - 1	PBW	-0.0762	-336	PPB	SMPL	-7470A	10 Nov 2025 14:45:55
U	PB170468BS - 1	LCSW	3.6833	15182	PPB	SMPL	-7470A	10 Nov 2025 14:48:15
U	Q3561-01 - 1	1027-A-D	0.1132	446	PPB	SMPL	-7470A	10 Nov 2025 14:50:31
U	Q3569-01 - 1	MW-2	-0.0079	-54	PPB	SMPL	-7470A	10 Nov 2025 14:52:50
U	Q3569-02 - 1	MW-12	0.0520	193	PPB	SMPL	-7470A	10 Nov 2025 14:55:07
U	Q3574-01 - 1	304641-01 Liquid	0.1510	602	PPB	SMPL	-7470A	10 Nov 2025 14:57:24
U	Q3584-01 - 1	SW-1	-0.0258	-128	PPB	SMPL	-7470A	10 Nov 2025 14:59:39
U	CCV54 - 1	CCV54	4.7670	19655	PPB	SMPL	-7470A	10 Nov 2025 15:01:54
U	CCB54 - 1	CCB54	-0.0525	-238	PPB	SMPL	-7470A	10 Nov 2025 15:04:10
U	Q3584-01DUP - 1	SW-1DUP	0.0251	82	PPB	SMPL	-7470A	10 Nov 2025 15:06:28
U	Q3584-01MS - 1	SW-1MS	3.5852	14777	PPB	SMPL	-7470A	10 Nov 2025 15:08:44
U	Q3584-01MSD - 1	SW-1MSD	3.2632	13448	PPB	SMPL	-7470A	10 Nov 2025 15:10:59
U	Q3584-02 - 1	SW-2	-0.0105	-65	PPB	SMPL	-7470A	10 Nov 2025 15:13:18
U	Q3584-03 - 1	SW-3	0.0573	215	PPB	SMPL	-7470A	10 Nov 2025 15:15:37
U	Q3584-05 - 1	FB-2	-0.0072	-51	PPB	SMPL	-7470A	10 Nov 2025 15:17:53
X	Q3584-07 - 1	SEEP-1	HIGH	101763	PPB		-7470A	10 Nov 2025 15:20:09
U	Q3584-01LX5 - 1		-0.0963	-419	PPB	SMPL	-7470A	11 Nov 2025 07:59:03
U	Q3584-01A - 1		4.7229	19473	PPB	SMPL	-7470A	11 Nov 2025 08:22:55
U	CCV55 - 1	CCV55	5.0478	20814	PPB	SMPL	-7470A	11 Nov 2025 08:36:25
U	CCB55 - 1	CCB55	-0.0105	-65	PPB	SMPL	-7470A	11 Nov 2025 08:38:40

SOP ID : M3010A-Digestion-17

SDG No : N/A

Matrix : WATER

Pipette ID: ICP A

Balance ID : N/A

Filter paper ID : N/A

pH Strip ID : M6069

Hood ID : #3

Block ID: 1. HOT BLOCK #1 2. N/A

Start Digest Date: 11/07/2025 Time : 11:20 Temp : 96 °C

End Digest Date: 11/07/2025 Time : 14:25 Temp : 96 °C

Digestion tube ID: M5595

Block thermometer ID: MET-DIG. #1

Dig Technician Signature: S/A

Supervisor Signature: [Signature]

Temp : 1. 96°C 2. N/A

Standard Name	MLS USED	STD REF. # FROM LOG
LFS-1	0.25	M6209
LFS-2	0.25	M6201
N/A	N/A	N/A
N/A	N/A	N/A
N/A	N/A	N/A

Chemical Used	ML/SAMPLE USED	Lot Number
CONC: HNO3	3.00	M6187
1:1 HCL	5.00	MP87148
N/A	N/A	N/A
N/A	N/A	N/A
N/A	N/A	N/A
N/A	N/A	N/A
N/A	N/A	N/A
N/A	N/A	N/A
N/A	N/A	N/A
N/A	N/A	N/A

Extraction Conformance/Non-Conformance Comments:

HOT BLOCK#1 CELL#50 96 C

Date / Time	Prepped Sample Relinquished By/Location	Received By/Location
11/07/25 15:15	SK met dig	[Signature] met dig
15:15	Preparation Group	Analysis Group

Lab Sample ID	Client Sample ID	pH	Initial Vol (ml)	Final Vol (ml)	Color Before	Color After	Clarity Before	Clarity After	Comment	Prep Pos
PB170434BL	PBW434	<2	50	25	Colorless	Colorless	Clear	Clear	N/A	1
PB170434BS	LCS434	<2	50	25	Colorless	Colorless	Clear	Clear	M6209,M6201	2
Q3560-01	SY-10D	<2	50	25	Colorless	Colorless	Clear	Clear	N/A	3
Q3560-02	SY-10D	<2	50	25	Colorless	Colorless	Clear	Clear	N/A	4
Q3560-03	SY-10S	<2	50	25	Colorless	Colorless	Clear	Clear	N/A	5
Q3560-04	SY-10S	<2	50	25	Colorless	Colorless	Clear	Clear	N/A	6
Q3560-05	SY-10I	<2	50	25	Colorless	Colorless	Clear	Clear	N/A	7
Q3560-06	SY-10I	<2	50	25	Colorless	Colorless	Clear	Clear	N/A	8
Q3560-07	SY-12I	<2	50	25	Colorless	Colorless	Clear	Clear	N/A	9
Q3560-08	SY-12I	<2	50	25	Colorless	Colorless	Clear	Clear	N/A	10
Q3560-09	SY-12D	<2	50	25	Colorless	Colorless	Clear	Clear	N/A	11
Q3560-10	SY-12D	<2	50	25	Colorless	Colorless	Clear	Clear	N/A	12
Q3566-01	WATER-TREATMENT DISCHARGE	<2	50	25	Colorless	Colorless	Clear	Clear	N/A	14
Q3566-01MS	WATER-TREATMENT DISCHARGE MS	<2	50	25	Colorless	Colorless	Clear	Clear	M6209,M6201	16
Q3566-01MSD	WATER-TREATMENT DISCHARGE MSD	<2	50	25	Colorless	Colorless	Clear	Clear	M6209,M6201	17
Q3566-01DUP	WATER-TREATMENT DISCHARGE DUP	<2	50	25	Colorless	Colorless	Clear	Clear	N/A	15
Q3569-01	MW-2	<2	50	25	Colorless	Colorless	Clear	Clear	N/A	18
Q3569-02	MW-12	<2	50	25	Colorless	Colorless	Clear	Clear	N/A	19

WORKLIST(Hardcopy Internal Chain)

Worklist Name : PB170434

Worklist ID : 192971

Department : Digestion

Date : 11-07-2025 09:51:30

Sample	Customer Sample	Matrix	Test	Preservative	Customer	Raw Sample Storage Location	Collect Date	Method
Q3560-01	SY-10D	Water	Metals Group4	1:1 HNO3 to pH < 2	LOCK01	J22	11/05/2025	6010D
Q3560-02	SY-10D	Water	Dissolved Metals Group5	1:1 HNO3 to pH < 2	LOCK01	J22	11/05/2025	6010D
Q3560-03	SY-10S	Water	Metals Group4	1:1 HNO3 to pH < 2	LOCK01	J22	11/05/2025	6010D
Q3560-04	SY-10S	Water	Dissolved Metals Group5	1:1 HNO3 to pH < 2	LOCK01	J22	11/05/2025	6010D
Q3560-05	SY-10I	Water	Metals Group4	1:1 HNO3 to pH < 2	LOCK01	J22	11/05/2025	6010D
Q3560-06	SY-10I	Water	Dissolved Metals Group5	1:1 HNO3 to pH < 2	LOCK01	J22	11/05/2025	6010D
Q3560-07	SY-12I	Water	Metals Group4	1:1 HNO3 to pH < 2	LOCK01	J22	11/05/2025	6010D
Q3560-08	SY-12I	Water	Dissolved Metals Group5	1:1 HNO3 to pH < 2	LOCK01	J22	11/05/2025	6010D
Q3560-09	SY-12D	Water	Metals Group4	1:1 HNO3 to pH < 2	LOCK01	J22	11/05/2025	6010D
Q3560-10	SY-12D	Water	Dissolved Metals Group5	1:1 HNO3 to pH < 2	LOCK01	J22	11/05/2025	6010D
Q3566-01	WATER-TREATMENT DISCHAI	Water	Metals Group4	1:1 HNO3 to pH < 2	VERI01	J23	11/06/2025	6010D
Q3569-01	MW-2	Water	Metals ICP-TAL	1:1 HNO3 to pH < 2	REMI02	J22	11/05/2025	6010D
Q3569-02	MW-12	Water	Metals ICP-TAL	1:1 HNO3 to pH < 2	REMI02	J22	11/05/2025	6010D

Date/Time 11/07/2025 10:10

Raw Sample Received by: Srag mct dij

Raw Sample Relinquished by: Cuscm1

Date/Time 11/07/2025 11:16

Raw Sample Received by: Cuscm1

Raw Sample Relinquished by: Srag mct dij

SOP ID : M7470A-Mercury-20

SDG No : N/A

Matrix : WATER

Pipette ID: HG A

Balance ID : N/A

Filter paper ID : N/A

pH Strip ID : M6069

Hood ID : #1

Block ID: 1. HG HOT BLOCK#3 2. N/A

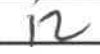
Start Digest Date: 11/10/2025 **Time :** 07:40 **Temp :** 95 °C

End Digest Date: 11/10/2025 **Time :** 09:40 **Temp :** 95 °C

Digestion tube ID: M5595

Block thermometer ID: HG-DIG#3

Dig Technician Signature: 

Supervisor Signature: 

Temp : 1. 95°C 2. N/A

Standard Name	MLS USED	STD REF. # FROM LOG
ICV	30mL	MP87906
CCV	30mL	MP87908
CRA	30mL	MP87910
Blank Spike	0.48mL	MP87899
Matrix Spike	0.48mL	MP87899

Chemical Used	ML/SAMPLE USED	Lot Number
HNO3/H2SO4(1:2)	2.25mL	MP87633
KMnO4 (5%)	4.5mL	MP87634
K2S2O8 (5%)	2.4mL	MP87635
Hydroxylamine HCL (12%)	1.8mL	MP87636
N/A	N/A	N/A
N/A	N/A	N/A
N/A	N/A	N/A
N/A	N/A	N/A
N/A	N/A	N/A
N/A	N/A	N/A

LAB SAMPLE ID	CLIENT SAMPLE ID	Wt(g)/Vol(ml)	Comment
0.0 ppb	S0	30mL	MP87900
0.05 ppb	S0.05	N/A	N/A
0.2 ppb	S0.2	30mL	MP87901
2.5 ppb	S2.5	30mL	MP87902
5.0 ppb	S5.0	30mL	MP87903
7.5 ppb	S7.5	30mL	MP87904
10.0 ppb	S10.0	30mL	MP87905
ICV	ICV	30mL	MP87906
ICB	ICB	30mL	MP87907
CCV	CCV	30mL	MP87908
CCB	CCB	30mL	MP87909
CRI	CRI	30mL	MP87910
CHK STD	CHK STD	30mL	MP87911

Extraction Conformance/Non-Conformance Comments:

N/A		
Date / Time	Prepped Sample Relinquished By/Location	Received By/Location
11/10/2025 10:57	Bob - Dr. Lab	Bob - metal lab
	Preparation Group	Analysis Group

Lab Sample ID	Client Sample ID	Initial Vol (ml)	Final Vol (ml)	pH	Comment	Prep Pos
PB170468BL	PBW468	30	30	<2	N/A	3-1
PB170468BS	LCS468	30	30	<2	MP87899	2
Q3561-01	1027-A-D	30	30	<2	N/A	3
Q3569-01	MW-2	30	30	<2	N/A	4
Q3569-02	MW-12	30	30	<2	N/A	5
Q3574-01	304641-01 LIQUID	30	30	<2	N/A	6
Q3584-01	SW-1	30	30	<2	N/A	7
Q3584-01DUP	SW-1DUP	30	30	<2	N/A	8
Q3584-01MS	SW-1MS	30	30	<2	MP87899	9
Q3584-01MSD	SW-1MSD	30	30	<2	MP87899	10
Q3584-02	SW-2	30	30	<2	N/A	11
Q3584-03	SW-3	30	30	<2	N/A	12
Q3584-05	FB-2	30	30	<2	N/A	13
Q3584-07	SEEP-1	30	30	<2	N/A	14

WORKLIST(Hardcopy Internal Chain)

WorkList Name : 111025_7470 WorkList ID : 192990 Department : Digestion Date : 11-10-2025 07:23:18

Sample	Customer Sample	Matrix	Test	Preservative	Customer	Raw Sample Storage Location	Collect Date	Method
Q3561-01	1027-A-D	Water	Mercury	1:1 HNO3 to pH < 2	PSEG03	D41	11/06/2025	7470A
Q3569-01	MW-2	Water	Mercury	1:1 HNO3 to pH < 2	REMI02	J22	11/05/2025	7470A
Q3569-02	MW-12	Water	Mercury	1:1 HNO3 to pH < 2	REMI02	J22	11/05/2025	7470A
Q3584-01	SW-1	Water	Mercury	1:1 HNO3 to pH < 2	REMI02	D41	11/06/2025	7470A
Q3584-02	SW-2	Water	Mercury	1:1 HNO3 to pH < 2	REMI02		11/07/2025	7470A
Q3584-03	SW-3	Water	Mercury	1:1 HNO3 to pH < 2	REMI02	D41	11/07/2025	7470A
Q3584-05	FB-2	Water	Mercury	1:1 HNO3 to pH < 2	REMI02	D41	11/07/2025	7470A
Q3584-07	STEP-1	Water	Mercury	1:1 HNO3 to pH < 2	REMI02	D41	11/07/2025	7470A

Date/Time 11/10/25 @ 7:20
 Raw Sample Received by: M3 - 1714-628
 Raw Sample Relinquished by: 008 - 314-628

Date/Time 11/10/25 @ 7:25
 Raw Sample Received by: 009 - 314-628
 Raw Sample Relinquished by: 008 - 314-628

Instrument ID: CV1

Daily Analysis Runlog For Sequence/QC Batch ID # LB137835

Review By	mohan	Review On	11/13/2025 10:36:43 AM
Supervise By	jaswal	Supervise On	11/13/2025 11:16:53 AM

STD. NAME	STD REF.#
ICAL Standard	MP87900,MP87901,MP87902,MP87903,MP87904,MP87905
ICV Standard	MP87906
CCV Standard	MP87908
ICSA Standard	
CRI Standard	MP87910
LCS Standard	
Chk Standard	MP87907,MP87909,MP87911,MP87913

Sr#	SampleId	ClientID	QcType	Date	Comment	Operator	Status
1	S0	S0	CAL1	11/10/25 14:08		mohan	OK
2	S0.2	S0.2	CAL2	11/10/25 14:11		mohan	OK
3	S2.5	S2.5	CAL3	11/10/25 14:13		mohan	OK
4	S5	S5	CAL4	11/10/25 14:15		mohan	OK
5	S7.5	S7.5	CAL5	11/10/25 14:17		mohan	OK
6	S10	S10	CAL6	11/10/25 14:27		mohan	OK
7	ICV108	ICV108	ICV	11/10/25 14:29		mohan	OK
8	ICB108	ICB108	ICB	11/10/25 14:32		mohan	OK
9	CCV53	CCV53	CCV	11/10/25 14:34		mohan	OK
10	CCB53	CCB53	CCB	11/10/25 14:36		mohan	OK
11	CRA	CRA	CRDL	11/10/25 14:39		mohan	OK
12	HighStd	HighStd	HIGH STD	11/10/25 14:41		mohan	OK
13	ChkStd	ChkStd	SAM	11/10/25 14:43		mohan	OK
14	PB170468BL	PB170468BL	MB	11/10/25 14:45		mohan	OK
15	PB170468BS	PB170468BS	LCS	11/10/25 14:48		mohan	OK
16	Q3561-01	1027-A-D	SAM	11/10/25 14:50		mohan	OK
17	Q3569-01	MW-2	SAM	11/10/25 14:52		mohan	OK
18	Q3569-02	MW-12	SAM	11/10/25 14:55		mohan	OK

Instrument ID: CV1

Daily Analysis Runlog For Sequence/QC Batch ID # LB137835

Review By	mohan	Review On	11/13/2025 10:36:43 AM
Supervise By	jaswal	Supervise On	11/13/2025 11:16:53 AM
STD. NAME	STD REF.#		
ICAL Standard	MP87900,MP87901,MP87902,MP87903,MP87904,MP87905		
ICV Standard	MP87906		
CCV Standard	MP87908		
ICSA Standard			
CRI Standard	MP87910		
LCS Standard			
Chk Standard	MP87907,MP87909,MP87911,MP87913		

19	Q3574-01	304641-01 Liquid	SAM	11/10/25 14:57		mohan	OK
20	Q3584-01	SW-1	SAM	11/10/25 14:59		mohan	OK
21	CCV54	CCV54	CCV	11/10/25 15:01		mohan	OK
22	CCB54	CCB54	CCB	11/10/25 15:04		mohan	OK
23	Q3584-01DUP	SW-1DUP	DUP	11/10/25 15:06		mohan	OK
24	Q3584-01MS	SW-1MS	MS	11/10/25 15:08		mohan	OK
25	Q3584-01MSD	SW-1MSD	MSD	11/10/25 15:10		mohan	OK
26	Q3584-02	SW-2	SAM	11/10/25 15:13		mohan	OK
27	Q3584-03	SW-3	SAM	11/10/25 15:15		mohan	OK
28	Q3584-05	FB-2	SAM	11/10/25 15:17		mohan	OK
29	Q3584-07	SEEP-1	SAM	11/10/25 15:20	Hg high, need dilution.	mohan	Dilution
30	Q3584-01L	SW-1L	SD	11/11/25 07:59		mohan	OK
31	Q3584-01A	SW-1A	PS	11/11/25 08:22		mohan	OK
32	CCV55	CCV55	CCV	11/11/25 08:36		mohan	OK
33	CCB55	CCB55	CCB	11/11/25 08:38		mohan	OK

Instrument ID: P4

Daily Analysis Runlog For Sequence/QC Batch ID # LB137841

Review By	mohan	Review On	11/11/2025 11:36:43 AM
Supervise By	jaswal	Supervise On	11/12/2025 10:25:25 PM

STD. NAME	STD REF.#
ICAL Standard	MP87637,MP87643,MP87641,MP87640,MP87639,MP87638
ICV Standard	MP87644,MP87643
CCV Standard	MP87647
ICSA Standard	MP87645,MP87646
CRI Standard	MP87643
LCS Standard	
Chk Standard	MP87668,MP87648,MP87651,MP87649,MP87650

Sr#	SampleId	ClientID	QcType	Date	Comment	Operator	Status
1	S0	S0	CAL1	11/10/25 11:20		Jaswal	OK
2	S1	S1	CAL2	11/10/25 11:24		Jaswal	OK
3	S2	S2	CAL3	11/10/25 11:28		Jaswal	OK
4	S3	S3	CAL4	11/10/25 11:32		Jaswal	OK
5	S4	S4	CAL5	11/10/25 11:37		Jaswal	OK
6	S5	S5	CAL6	11/10/25 11:41		Jaswal	OK
7	ICV01	ICV01	ICV	11/10/25 11:45		Jaswal	OK
8	LLICV01	LLICV01	LLICV	11/10/25 11:57		Jaswal	OK
9	ICB01	ICB01	ICB	11/10/25 12:11		Jaswal	OK
10	CRI01	CRI01	CRDL	11/10/25 12:16		Jaswal	OK
11	ICSA01	ICSA01	ICSA	11/10/25 12:21		Jaswal	OK
12	ICSAB01	ICSAB01	ICSAB	11/10/25 12:26		Jaswal	OK
13	ICSADL	ICSADL	ICSA	11/10/25 12:30		Jaswal	OK
14	ICSABDL	ICSABDL	ICSAB	11/10/25 12:34		Jaswal	OK
15	CCV01	CCV01	CCV	11/10/25 12:38		Jaswal	OK
16	CCB01	CCB01	CCB	11/10/25 12:42		Jaswal	OK
17	Q3504-01	72-11986	SAM	11/10/25 12:47		Jaswal	OK
18	Q3562-01	EO-03-110625	SAM	11/10/25 12:51	MS/MSD fail for more than 50% parameters	Jaswal	OK

Instrument ID: P4

Daily Analysis Runlog For Sequence/QC Batch ID # LB137841

Review By	mohan	Review On	11/11/2025 11:36:43 AM
Supervise By	jaswal	Supervise On	11/12/2025 10:25:25 PM
STD. NAME	STD REF.#		
ICAL Standard	MP87637,MP87643,MP87641,MP87640,MP87639,MP87638		
ICV Standard	MP87644,MP87643		
CCV Standard	MP87647		
ICSA Standard	MP87645,MP87646		
CRI Standard	MP87643		
LCS Standard			
Chk Standard	MP87668,MP87648,MP87651,MP87649,MP87650		

19	Q3564-01	OR-03-11062025	SAM	11/10/25 12:55		Jaswal	OK
20	Q3577-01	WC-1A	SAM	11/10/25 13:00		Jaswal	OK
21	Q3580-01	346	SAM	11/10/25 13:04		Jaswal	OK
22	Q3562-01DUP	EO-03-110625DUP	DUP	11/10/25 13:08	MS/MSD fail for more than 50% parameters	Jaswal	OK
23	Q3562-01L	EO-03-110625L	SD	11/10/25 13:12	MS/MSD fail for more than 50% parameters	Jaswal	OK
24	Q3562-01MS	EO-03-110625MS	MS	11/10/25 13:16	MS/MSD fail for more than 50% parameters	Jaswal	OK
25	Q3562-01MSD	EO-03-110625MSD	MSD	11/10/25 13:20	MS/MSD fail for more than 50% parameters	Jaswal	OK
26	Q3562-01A	EO-03-110625A	PS	11/10/25 13:24	MS/MSD fail for more than 50% parameters	Jaswal	OK
27	CCV02	CCV02	CCV	11/10/25 13:28		Jaswal	OK
28	CCB02	CCB02	CCB	11/10/25 13:54		Jaswal	OK
29	PB170412BL	PB170412BL	MB	11/10/25 13:58		Jaswal	OK
30	PB170412BS	PB170412BS	LCS	11/10/25 14:03		Jaswal	OK
31	Q3547-02	Comp	SAM	11/10/25 14:07		Jaswal	OK
32	Q3547-02DUP	CompDUP	DUP	11/10/25 14:17		Jaswal	OK
33	Q3547-02L	CompL	SD	11/10/25 14:21		Jaswal	OK
34	Q3547-02MS	CompMS	MS	11/10/25 14:26		Jaswal	OK
35	Q3547-02MSD	CompMSD	MSD	11/10/25 14:30		Jaswal	OK
36	Q3547-02A	CompA	PS	11/10/25 14:34	0.1ml m6008,m6017-10ml sample	Jaswal	OK

Instrument ID: P4

Daily Analysis Runlog For Sequence/QC Batch ID # LB137841

Review By	mohan	Review On	11/11/2025 11:36:43 AM
Supervise By	jaswal	Supervise On	11/12/2025 10:25:25 PM
STD. NAME	STD REF.#		
ICAL Standard	MP87637,MP87643,MP87641,MP87640,MP87639,MP87638		
ICV Standard	MP87644,MP87643		
CCV Standard	MP87647		
ICSA Standard	MP87645,MP87646		
CRI Standard	MP87643		
LCS Standard			
Chk Standard	MP87668,MP87648,MP87651,MP87649,MP87650		

37	Q3551-01	MANHOLE	SAM	11/10/25 14:38		Jaswal	OK
38	Q3552-04DL	MW-10DL	SAM	11/10/25 14:42	10x for Na	Jaswal	Confirms
39	CCV03	CCV03	CCV	11/10/25 14:46		Jaswal	OK
40	CCB03	CCB03	CCB	11/10/25 14:50		Jaswal	OK
41	Q3552-04DUPDL	MW-10DUPDL	DUP	11/10/25 14:55	10x for Na	Jaswal	Confirms
42	Q3552-04LDL	MW-10LDL	SD	11/10/25 14:59	NOT REQUIRED	Jaswal	Not Ok
43	Q3552-04MSDL	MW-10MSDL	MS	11/10/25 15:03	10x for Na	Jaswal	Confirms
44	Q3552-04MSDDL	MW-10MSDDL	MSD	11/10/25 15:08	10x for Na	Jaswal	Confirms
45	Q3552-04ADL	MW-10ADL	PS	11/10/25 15:12	NOT REQUIRED	Jaswal	Not Ok
46	PB170434BL	PB170434BL	MB	11/10/25 15:22		Jaswal	OK
47	PB170434BS	PB170434BS	LCS	11/10/25 15:27		Jaswal	OK
48	Q3560-01	SY-10D	SAM	11/10/25 15:31		Jaswal	OK
49	Q3560-02	SY-10D	SAM	11/10/25 15:35		Jaswal	OK
50	Q3560-03	SY-10S	SAM	11/10/25 15:39		Jaswal	OK
51	CCV04	CCV04	CCV	11/10/25 15:44		Jaswal	OK
52	CCB04	CCB04	CCB	11/10/25 15:47		Jaswal	OK
53	Q3560-04	SY-10S	SAM	11/10/25 15:52		Jaswal	OK
54	Q3560-05	SY-10I	SAM	11/10/25 15:56		Jaswal	OK
55	Q3560-06	SY-10I	SAM	11/10/25 16:00		Jaswal	OK
56	Q3560-07	SY-12I	SAM	11/10/25 16:05		Jaswal	OK

Instrument ID: P4

Daily Analysis Runlog For Sequence/QC Batch ID # LB137841

Review By	mohan	Review On	11/11/2025 11:36:43 AM
Supervise By	jaswal	Supervise On	11/12/2025 10:25:25 PM
STD. NAME	STD REF.#		
ICAL Standard	MP87637,MP87643,MP87641,MP87640,MP87639,MP87638		
ICV Standard	MP87644,MP87643		
CCV Standard	MP87647		
ICSA Standard	MP87645,MP87646		
CRI Standard	MP87643		
LCS Standard			
Chk Standard	MP87668,MP87648,MP87651,MP87649,MP87650		

57	Q3560-08	SY-12I	SAM	11/10/25 16:09		Jaswal	OK
58	Q3560-09	SY-12D	SAM	11/10/25 16:13		Jaswal	OK
59	Q3560-10	SY-12D	SAM	11/10/25 16:17		Jaswal	OK
60	Q3566-01	WATER-TREATMENT	SAM	11/10/25 16:22		Jaswal	OK
61	Q3566-01DUP	WATER-TREATMENT	DUP	11/10/25 16:26		Jaswal	OK
62	Q3566-01L	WATER-TREATMENT	SD	11/10/25 16:30		Jaswal	OK
63	CCV05	CCV05	CCV	11/10/25 16:35		Jaswal	OK
64	CCB05	CCB05	CCB	11/10/25 16:38		Jaswal	OK
65	Q3566-01MS	WATER-TREATMENT	MS	11/10/25 16:43		Jaswal	OK
66	Q3566-01MSD	WATER-TREATMENT	MSD	11/10/25 16:47		Jaswal	OK
67	Q3566-01A	WATER-TREATMENT	PS	11/10/25 16:51	0.1ml m6008,m6017-10ml sample	Jaswal	OK
68	Q3569-01	MW-2	SAM	11/10/25 16:55		Jaswal	OK
69	Q3569-02	MW-12	SAM	11/10/25 16:59		Jaswal	OK
70	PB170461BL	PB170461BL	MB	11/10/25 17:04		Jaswal	OK
71	PB170461BS	PB170461BS	LCS	11/10/25 17:08		Jaswal	OK
72	Q3575-02	002 35th Ave (Nov)	SAM	11/10/25 17:14		Jaswal	OK
73	Q3575-02DUP	002 35th Ave (Nov)DU	DUP	11/10/25 17:18		Jaswal	OK
74	Q3575-02L	002 35th Ave (Nov)L	SD	11/10/25 17:23		Jaswal	OK
75	CCV06	CCV06	CCV	11/10/25 17:27		Jaswal	OK

Instrument ID: P4

Daily Analysis Runlog For Sequence/QC Batch ID # LB137841

Review By	mohan	Review On	11/11/2025 11:36:43 AM
Supervise By	jaswal	Supervise On	11/12/2025 10:25:25 PM
STD. NAME	STD REF.#		
ICAL Standard	MP87637,MP87643,MP87641,MP87640,MP87639,MP87638		
ICV Standard	MP87644,MP87643		
CCV Standard	MP87647		
ICSA Standard	MP87645,MP87646		
CRI Standard	MP87643		
LCS Standard			
Chk Standard	MP87668,MP87648,MP87651,MP87649,MP87650		

76	CCB06	CCB06	CCB	11/10/25 17:31		Jaswal	OK
77	LR-1	LR-1	HIGH STD	11/10/25 18:18		Jaswal	OK
78	LR-2	LR-2	HIGH STD	11/10/25 18:22		Jaswal	OK
79	Q3575-02MS	002 35th Ave (Nov)MS	MS	11/10/25 18:31		Jaswal	OK
80	Q3575-02MSD	002 35th Ave (Nov)MSD	MSD	11/10/25 18:35		Jaswal	OK
81	Q3575-02A	002 35th Ave (Nov)A	PS	11/10/25 18:39	0.1ml m6008,m6017-10ml sample	Jaswal	OK
82	LR-3	LR-3	HIGH STD	11/10/25 18:53		Jaswal	OK
83	Q3575-01	001 Willets Pt Blvd (N	SAM	11/10/25 18:57		Jaswal	OK
84	Q3531-01	FALL-2025	SAM	11/10/25 19:02		Jaswal	OK
85	Q3586-01	SED-1	SAM	11/10/25 19:06		Jaswal	OK
86	Q3586-02	SED-2	SAM	11/10/25 19:10		Jaswal	OK
87	CCV07	CCV07	CCV	11/10/25 19:14		Jaswal	OK
88	CCB07	CCB07	CCB	11/10/25 19:18		Jaswal	OK
89	Q3586-03	SED-3	SAM	11/10/25 19:22		Jaswal	OK
90	Q3587-01	NB-08-110725	SAM	11/10/25 19:26		Jaswal	OK
91	Q3588-01	TR-06-11072025	SAM	11/10/25 19:30		Jaswal	OK
92	Q3588-03	TR-01-11072025	SAM	11/10/25 19:34		Jaswal	OK
93	Q3581-01	VNJ-238	SAM	11/10/25 19:38		Jaswal	OK
94	Q3581-01DUP	VNJ-238DUP	DUP	11/10/25 19:42		Jaswal	OK

Instrument ID: P4

Daily Analysis Runlog For Sequence/QC Batch ID # LB137841

Review By	mohan	Review On	11/11/2025 11:36:43 AM
Supervise By	jaswal	Supervise On	11/12/2025 10:25:25 PM
STD. NAME	STD REF.#		
ICAL Standard	MP87637,MP87643,MP87641,MP87640,MP87639,MP87638		
ICV Standard	MP87644,MP87643		
CCV Standard	MP87647		
ICSA Standard	MP87645,MP87646		
CRI Standard	MP87643		
LCS Standard			
Chk Standard	MP87668,MP87648,MP87651,MP87649,MP87650		

95	Q3581-01L	VNJ-238L	SD	11/10/25 19:46		Jaswal	OK
96	Q3581-01MS	VNJ-238MS	MS	11/10/25 19:50		Jaswal	OK
97	Q3581-01MSD	VNJ-238MSD	MSD	11/10/25 19:54		Jaswal	OK
98	Q3581-01A	VNJ-238A	PS	11/10/25 19:58	0.1ml m6008,m6017-10ml sample	Jaswal	OK
99	CCV08	CCV08	CCV	11/10/25 20:11		Jaswal	OK
100	CCB08	CCB08	CCB	11/10/25 20:26		Jaswal	OK
101	Q3581-03	VNJ-245	SAM	11/10/25 20:30	Mn high	Jaswal	Dilution
102	Q3581-05	VNJ-240	SAM	11/10/25 20:34		Jaswal	OK
103	Q3581-07	RBR200059	SAM	11/10/25 20:38		Jaswal	OK
104	Q3582-04	RT4912	SAM	11/10/25 20:42		Jaswal	OK
105	Q3583-04	CHRT27080	SAM	11/10/25 20:46		Jaswal	OK
106	Q3581-03DL	VNJ-245DL	SAM	11/10/25 20:50	10x for Mn	Jaswal	Confirms
107	Q3584-01	SW-1	SAM	11/10/25 21:15		Jaswal	OK
108	Q3584-02	SW-2	SAM	11/10/25 21:20	Na high	Jaswal	Dilution
109	CCV09	CCV09	CCV	11/10/25 21:31		Jaswal	OK
110	CCB09	CCB09	CCB	11/10/25 21:41		Jaswal	OK
111	Q3584-03	SW-3	SAM	11/10/25 21:46	Na high	Jaswal	Dilution
112	Q3584-03DUP	SW-3DUP	DUP	11/10/25 21:50	Na high	Jaswal	Dilution
113	Q3584-03L	SW-3L	SD	11/10/25 21:55		Jaswal	OK

Instrument ID: P4

Daily Analysis Runlog For Sequence/QC Batch ID # LB137841

Review By	mohan	Review On	11/11/2025 11:36:43 AM
Supervise By	jaswal	Supervise On	11/12/2025 10:25:25 PM

STD. NAME	STD REF.#
ICAL Standard	MP87637,MP87643,MP87641,MP87640,MP87639,MP87638
ICV Standard	MP87644,MP87643
CCV Standard	MP87647
ICSA Standard	MP87645,MP87646
CRI Standard	MP87643
LCS Standard	
Chk Standard	MP87668,MP87648,MP87651,MP87649,MP87650

114	Q3584-03MS	SW-3MS	MS	11/10/25 21:59	Na high	Jaswal	Dilution
115	Q3584-03MSD	SW-3MSD	MSD	11/10/25 22:03	Na high	Jaswal	Dilution
116	Q3584-03A	SW-3A	PS	11/10/25 22:08	0.1ml m6008,m6017-10ml sample	Jaswal	OK
117	Q3584-04	EB-2	SAM	11/10/25 22:12		Jaswal	OK
118	Q3584-05	FB-2	SAM	11/10/25 22:16		Jaswal	OK
119	Q3584-07DL	SEEP-1DL	SAM	11/10/25 22:20	Straight 10x Dilution	Jaswal	OK
120	Q3574-01	304641-01 Liquid	SAM	11/10/25 22:24		Jaswal	OK
121	CCV10	CCV10	CCV	11/10/25 22:29		Jaswal	OK
122	CCB10	CCB10	CCB	11/10/25 22:47		Jaswal	OK
123	Q3584-02DL	SW-2DL	SAM	11/10/25 22:51	10x for Na	Jaswal	Confirms
124	Q3584-03DL	SW-3DL	SAM	11/10/25 22:55	10x for Na	Jaswal	Confirms
125	Q3584-03DUPDL	SW-3DUPDL	DUP	11/10/25 23:00	10x for Na	Jaswal	Confirms
126	Q3584-03LDL	SW-3LDL	SD	11/10/25 23:04	NOT REQUIRED	Jaswal	Not Ok
127	Q3584-03MSDL	SW-3MSDL	MS	11/10/25 23:08	10x for Na	Jaswal	Confirms
128	Q3584-03MSDDL	SW-3MSDDL	MSD	11/10/25 23:13	10x for Na	Jaswal	Confirms
129	Q3584-03ADL	SW-3ADL	PS	11/10/25 23:17	NOT REQUIRED	Jaswal	Not Ok
130	Q3574-01DL	304641-01 LiquidDL	SAM	11/10/25 23:21	NOT REQUIRED	Jaswal	Not Ok
131	Q3584-07DL2	SEEP-1DL2	SAM	11/10/25 23:26	NOT REQUIRED	Jaswal	Not Ok
132	CCV11	CCV11	CCV	11/10/25 23:30		Jaswal	OK

Instrument ID: P4

Daily Analysis Runlog For Sequence/QC Batch ID # LB137841

Review By	mohan	Review On	11/11/2025 11:36:43 AM
Supervise By	jaswal	Supervise On	11/12/2025 10:25:25 PM
STD. NAME	STD REF.#		
ICAL Standard	MP87637,MP87643,MP87641,MP87640,MP87639,MP87638		
ICV Standard	MP87644,MP87643		
CCV Standard	MP87647		
ICSA Standard	MP87645,MP87646		
CRI Standard	MP87643		
LCS Standard			
Chk Standard	MP87668,MP87648,MP87651,MP87649,MP87650		

133	CCB11	CCB11	CCB	11/10/25 23:34		Jaswal	OK
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SHIPPING DOCUMENTS

CLIENT INFORMATION

REPORT TO BE SENT TO:
COMPANY: Remington & Vernick Engineers
ADDRESS: 2059 Springdale Road
CITY: Cherry Hill STATE: NJ ZIP: 08003
ATTENTION: Kyle Carson @ nve.com
PHONE: 609-682-3049 FAX:

CLIENT PROJECT INFORMATION

PROJECT NAME: Edison Landfill
PROJECT NO.: 605T007 LOCATION: Edison, NJ
PROJECT MANAGER: Leslie Hartzell
e-mail: Leslie.Hartzell@nve.com
PHONE: 610-663-4665 FAX:

CLIENT BILLING INFORMATION

BILL TO: AP invoices@nve.com PO#: 1205T007
ADDRESS: 2059 Springdale Road
CITY: Cherry Hill STATE: NJ ZIP: 08003
ATTENTION: PHONE:

ANALYSIS

DATA TURNAROUND INFORMATION

FAX (RUSH) _____ DAYS*
HARDCOPY (DATA PACKAGE): STAT DAYS*
EDD: _____ DAYS*
*TO BE APPROVED BY CHEMTECH
STANDARD HARDCOPY TURNAROUND TIME IS 10 BUSINESS

DATA DELIVERABLE INFORMATION

☐ Level 1 (Results Only) ☐ Level 4 (QC + Full Raw Data)
☐ Level 2 (Results + QC) ☒ NJ Reduced ☐ US EPA CLP
☐ Level 3 (Results + QC) ☐ NYS ASP A ☐ NYS ASP B
+ Raw Data ☐ Other
EDD FORMAT NJ HAZ Site

1. TAL/PAH/30
2. VOCs
3. TAL/PAH/30
4. TAL/PAH/30
5. TAL/PAH/30
6. TAL/PAH/30
7. TAL/PAH/30
8. TAL/PAH/30
9. TAL/PAH/30

ALLIANCE SAMPLE ID	PROJECT SAMPLE IDENTIFICATION	SAMPLE MATRIX	SAMPLE TYPE		SAMPLE COLLECTION		# OF BOTTLES	PRESERVATIVES									COMMENTS
			COMP	GRAB	DATE	TIME		E	A	B	D	C	C	C	F	A	
1.	MW-2	GW			4/11/25	12:00	15	7	2	1	1	1	1	1	1	1	
2.	MW-12	GW			6/11/25	16:30	15	7	2	1	1	1	1	1	1	1	
3.	TB-2	GW			6/11/25	8:00	2										2 please add trip blank
4.																	
5.																	
6.																	
7.																	
8.																	
9.																	
10.																	

SAMPLE CUSTODY MUST BE DOCUMENTED BELOW EACH TIME SAMPLES CHANGE POSSESSION INCLUDING COURIER DELIVERY

RELINQUISHED BY SAMPLER: 1. <u>Aria Mauer</u>	DATE/TIME: <u>11/6/25 (14:00)</u>	RECEIVED BY: <u>[Signature]</u> <u>1510</u> <u>11-6-25</u>	Conditions of bottles or coolers at receipt: ☐ COMPLIANT ☐ NON COMPLIANT ☐ COOLER TEMP <u>3.6</u> °C
RELINQUISHED BY SAMPLER: 2. <u>[Signature]</u>	DATE/TIME:	RECEIVED BY:	Comments:
RELINQUISHED BY SAMPLER: 3. <u>[Signature]</u>	DATE/TIME: <u>11-6-25</u>	RECEIVED BY:	

Page 1 of 1 CLIENT: ☐ Hand Delivered ☐ Other Shipment Complete ☐ YES ☐ NO

From: Kyle Carlson <Kyle.Carlson@rve.com>
Sent: Friday, November 07, 2025 10:12 AM
Subject: Re: Trip Blank sample

EXTERNAL EMAIL - This email was sent by a person from outside your organization. Exercise caution when clicking links, opening attachments or taking further action, before validating its authenticity.

Secured by Check Point

Hi Deepak - confirming request to add TB sample and run to this order - please let me know if I can provide any additional info. Thank you.

Regards,

Kyle Carlson, LSRP
Environmental Project Manager
Remington & Vernick Engineers
2059 Springdale Road
Cherry Hill, NJ 08003
Cell: (609) 682-3049
Kyle.Carlson@rve.com



Offices throughout NJ • PA • MD • DE • NC
RVE.com | [LinkedIn](#)

From: Deepak Parmar <Deepak.Parmar@alliancetg.com>
Sent: Friday, November 7, 2025 9:44 AM
To: Leslie Hartzell <leslie.hartzell@rve.com>; Kyle Carlson <Kyle.Carlson@rve.com>
Subject: Trip Blank sample

hi,
lab did not receive TB sample with the shipment and on COC there are comments say please add trip blank sample, So do want lab to make trip blank sample and Run ?

Thanks & Regards,





Deepak Parmar
Sr. Project Manager
An Alliance Technical Group Company
Main: 908-789-8900
Direct: 908-728-3154
Address: 284 Sheffield St, Ste 1, Mountainside, NJ 07092
www.alliancetg.com



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Laboratory Certification

Certified By	License No.
Connecticut	PH-0830
DOD ELAP (ANAB)	L2219
Maine	2024021
Maryland	296
New Hampshire	255425
New Jersey	20012
New York	11376
Pennsylvania	68-00548
Soil Permit	525-24-234-08441
Texas	TX-C25-00189
Virginia	460312

LOGIN REPORT/SAMPLE TRANSFER

Order ID : Q3569	REMI02	Order Date : 11/6/2025 3:21:00 PM	Project Mgr :
Client Name : Remington & Vernick Engi		Project Name : Edison Landfill	Report Type : NJ Reduced
Client Contact : Kyle Carlson		Receive Date/Time : 11/6/2025 4:16:00 PM	EDD Type : Excel NJ
Invoice Name : Remington & Vernick Engi		Purchase Order :	Hard Copy Date :
Invoice Contact : Kyle Carlson			Date Signoff :

LAB ID	CLIENT ID	MATRIX	SAMPLE DATE	SAMPLE TIME	TEST	TEST GROUP	METHOD	FAX DATE	DUE DATES
Q3569-01	MW-2	Water	11/05/2025	12:00	VOC-TCLVOA-10	TCL+30/TAL	8260-Low	10 Bus. Days	
Q3569-02	MW-12	Water	11/05/2025	16:30	VOC-TCLVOA-10	TCL+30/TAL	8260-Low	10 Bus. Days	
Q3569-03	TB-2	Water	11/05/2025	08:00	VOC-TCLVOA-10		8260-Low	10 Bus. Days	

Relinquished By : CP

Date / Time : 11/7/25 10:25

Received By : San

Date / Time : 11/07/25 10:25

Storage Area : VOA Refridgerator Room